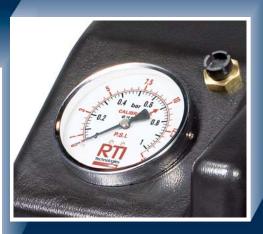


# 2007/Q3-4 Product Catalog







Equipment for the Most Productive Mechanics in the World





# Award Winners



RTI has been the leader in Automotive Maintenance Equipment for nearly two decades. RTI has received many awards over the years that exhibit exceptional brand strength, technological leadership and product innovation. Awards range from the Undercar Digest Top 10 Tools Award, Motor Top 20 Tools Award, Techshop Tool and Equipment Award and Professional Tool and Equipment News Innovation Award which was given to RTI for the portable Nitrogen Tire Filling Equipment. As voted on by thousands of shop owners and technicians; RTI equipment is the most reliable

and profitable choice. RTI continues to strive to offer the most productive equipment to the industry.





Equipment for the Most Productive Mechanics in the World

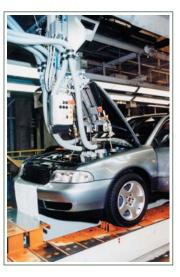


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- Choice of the World's Largest Service Chains (Jiffy Lube, Valvoline Instant Oil Change, Goodyear, Firestone, Midas, Meineke, Sears, AAMCO Transmissions, more...) and automotive assembly plants.
- Nationwide Service Center Network.
- Lifetime Toll-Free Technical Assistance.
- Best Warranties in the Industry. "No Lemon" Guarantee.
- Hundreds of thousands of satisfied customers.
- Your one-stop maintenance equipment supplier: A/C, coolant, transmission, oil system, nitrogen tire filling, brakes, power steering and more!

"OEM Multi-Fluid Filling Station" The world's most advanced automotive assembly plants use our equipment for filling new vehicles with fluids.



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### RHS®780 Digital A/C Refrigerant Handling System

Looking for the most productive and reliable automatic A/C service unit—then look no further! Recover, recycle, and recharge—service times average less than ten minutes. The quickest in the industry!

#### Speed

- Patented Recovery/Recycling Process Heavy-duty compressor with true single-pass technology system for maximum throughput.
- Large Fan-Cooled Condenser Speeds recovery, especially when temperatures are high and A/C service is in demand.
- 7 CFM Deep Vacuum Pump Provides rapid evacuation.
- Integrated Oil Charge Fast, easy method for oil charge.
- Digital Heated Power Charge
   Programmable with high wattage
   thermostatically controlled heat belt.
   Refills most vehicles in less than
   30 seconds.

#### Accuracy

- Internal Weight Scale Industrial-strength scale with shock absorber eliminates inaccuracies and frequent calibration issues.
- Rigidly Mounted Cylinder Robust weight scale provides accurate measurement of refrigerant recovered from and charged to vehicle.
- Refrigerant Inventory
   Accurate, continuous tracking of
   recovered, recharged, and available
   refrigerant. Long-term memory for
   cumulative refrigerant management.



#### Automation

- Fully Automatic Service
- Advanced Microprocessor
   Allows you to program vacuum time, leak test, charge amount, etc...and walk away.
- Pressure Detection Device Automatically restarts compressor if residual refrigerant is detected.
- Single-Pass Auto Air Purge
   Quickly and automatically eliminates
   noncondensable gases.

#### Intuition

- Digital Readout
- Easy to understand. Plain language information and technician prompts. No tutorial needed. So easy it makes any technician an A/C expert.
- Solenoid-Controlled Gauge Manifold No panel valves to open and close.
   Solenoids automatically open high and/or low side, eliminating potential mistakes.

#### Reliability

- Pressure Protection Suction pressure regulator protects compressor and other critical components.
- Durable Components Powder-coated steel cabinet and the highest quality compressor, solenoids, circuit board, switches, wiring, filters, weight scale...
- Field Proven Reliability
- RTI A/C machines are the choice of the world's largest service chains and tens of thousands of satisfied customers around the world.

P/N 460-80266-00 P/N 460-80265-00



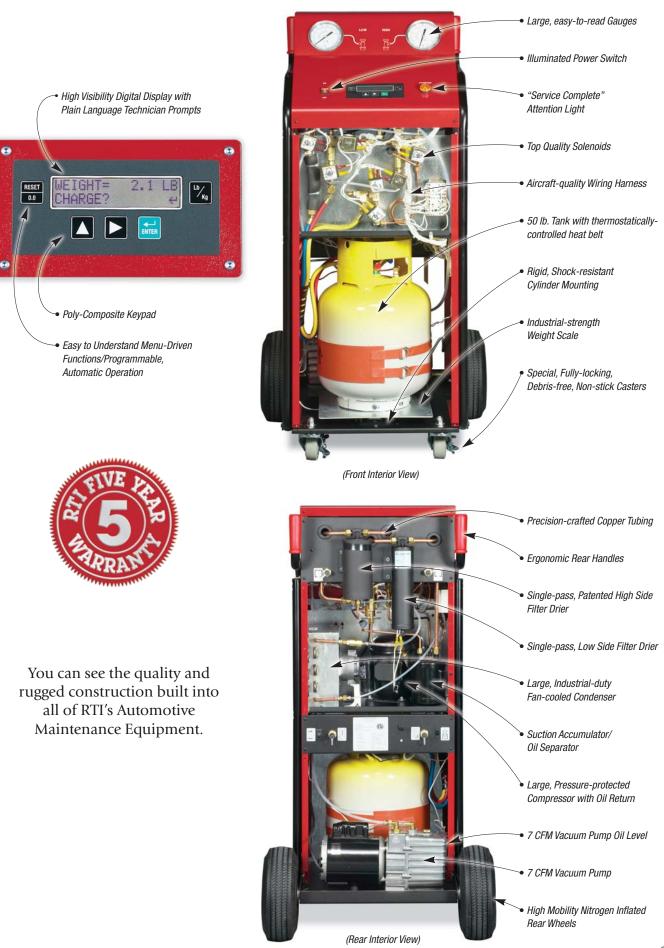
#### Specifications

Electrical	120 VAC - 60 Hz - 12 Amp				
	(230 VAC - 50 Hz - 6 Amp available)				
Dimensions	49 in x 20 in x 20 in (125 cm x 51 cm x 51 cm) (H x W x D)				
Weight	255 lb (116 kg)				
Operating Range	32 <sup>°</sup> to 122 <sup>°</sup> F (0 <sup>°</sup> to 50 <sup>°</sup> C)				
Scale Accuracy	$\pm 0.05\%$ load cell accuracy over useable range				
Hoses	11 ft (3.35 m)				
Compressor	3/8 HP - 0.8 kW, pressure protected, balanced startup, oiled, hermetic				
Condenser	$2,270~\text{in}^2~(14,645~\text{cm}^2)$ fin surface area, 0.38 in (0.97 cm) diameter copper tubing				
Condenser Fan	Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM				
Vacuum Pump	7 CFM, 29.9 InHg (0.40 mbar)				
Charging Cylinder	50 lb (22.7 kg) DOT				
Cylinder Heater	Heat Belt, 200 Watt				
Process Time	Less than 10 minutes average, recover/recycle/recharge				
Warranty	5 years parts - 2 years labor				

#### RHS®780-R12\* RHS®780-R134a

\* RHS®780-R12 can be converted later to R134a with an RTI conversion kit.





### RHS®730 Digital A/C Refrigerant Handling Systems

RHS°730 offers a Two Year Warranty and Lifetime Toll-Free Technical Support. RTI A/C machines are the choice of the world's largest service chains!

#### Speed

Recovery/Recycling process with heavy-duty compressor allows maximum throughput and service times of less than 12 minutes average. Large fan-cooled condenser allows speedy recovery in high temperatures when A/C service is in demand. A 7 CFM vacuum pump provides rapid evacuation. RHS®730E (Economy) model with double-duty compressor is available.

#### Automation

Fully automatic service with pressure detection device automatically restarts compressor if residual refrigerant is detected. Microprocessor control allows the technician to program vacuum time, leak test, charge amount, etc.

#### Intuition

Digital readout using plain language information and technician prompts makes this service so easy that any technician can be an A/C expert. Solenoids automatically open high and/or low side, eliminating potential mistakes.

#### Accuracy

Internal industrial-strength weight scale with shock absorber eliminates inaccuracies and frequent calibration issues. Refrigerant inventory continuously tracks recovered, recharged, and available refrigerant for productive refrigerant management.

#### Reliability

Highest quality compressor, solenoids, circuit board, switches, wiring, filters, weight scale, etc. Pressure regulator protects compressor and other critical components.



#### Specifications

Process Time         Less than 12 minutes average, recover/recycle/recharge           Operating Range         32° to 122°F (0° to 50°C)           Scale Accuracy         ±0.03% over useable range           Compressor         3/8 HP - 0.8 kW, pressure protected, balanced startup, oiled, hermetic           Condenser         2,270 in² (14,645 cm²) fin surface area; 0.38 in (0.97 cm) diameter copper tubing           Condenser Fan         Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM           Vacuum Pump         7 CFM, 29.9 InHg (0.40 mbar) E-Model: double-duty compressor - greater than 28 InHg (64 mbar)			
Scale Accuracy       ±0.03% over useable range         Compressor       3/8 HP - 0.8 kW, pressure protected, balanced startup, oiled, hermetic         Condenser       2,270 in² (14,645 cm²) fin surface area; 0.38 in (0.97cm) diameter copper tubing         Condenser Fan       Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM         Vacuum Pump       7 CFM, 29.9 InHg (0.40 mbar) E-Model: double-duty compressor - greater than 28 InHg	Process Time	Less than 12 minutes average, recover/recycle/recharge	
Compressor         3/8 HP - 0.8 kW, pressure protected, balanced startup, oiled, hermetic           Condenser         2,270 in² (14,645 cm²) fin surface area; 0.38 in (0.97cm) diameter copper tubing           Condenser Fan         Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM           Vacuum Pump         7 CFM, 29.9 InHg (0.40 mbar) E-Model: double-duty compressor - greater than 28 InHg	Operating Range	32° to 122°F (0° to 50°C)	
oiled, hermetic           Condenser         2,270 in² (14,645 cm²) fin surface area; 0.38 in (0.97cm) diameter copper tubing           Condenser Fan         Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM           Vacuum Pump         7 CFM, 29.9 InHg (0.40 mbar) E-Model: double-duty compressor - greater than 28 InHg	Scale Accuracy	±0.03% over useable range	
0.38 in (0.97cm) diameter copper tubing           Condenser Fan         Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM           Vacuum Pump         7 CFM, 29.9 InHg (0.40 mbar)           E-Model: double-duty compressor - greater than 28 InHg	Compressor		
Vacuum Pump 7 CFM, 29.9 InHg (0.40 mbar) E-Model: double-duty compressor - greater than 28 InHg	Condenser		
E-Model: double-duty compressor - greater than 28 InHg	Condenser Fan	Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM	
	Vacuum Pump	E-Model: double-duty compressor - greater than 28 InHg	

Charging	Programmable electronic weight scale
Charging Cylinder	30 lb (13.6 kg) DOT
Cylinder Heater	Heat belt, 200 Watt, thermostatically controlled
Air Purge	Automatic
Hoses	11 ft (3.35 m)
Electrical	120 VAC - 60 Hz - 12 Amp (230 VAC - 50 Hz - 6 Amp available)
Dimensions	49 in x 20 in x 20 in (125 cm x 51 cm x 51 cm) (H x W x D)
Weight	245 lb (111 kg); E Model: 227 lb (103 kg)
Warranty	2 years parts & labor (1 year for E Model)

RHS®730-R12	2 Year Warranty	P/N 460-80251-00
RHS®730-R134a	2 Year Warranty	P/N 460-80252-00
RHS®730E-R12	1 Year Warranty	P/N 460-80259-00
RHS®730E-R134a	1 Year Warranty	P/N 460-80260-00

RHS 730 - R12 can be converted later to R134a with an RTI conversion kit.



### RHS®2780 Dual Digital A/C Refrigerant Handling System

The most productive dual A/C service unit available. Recover, recycle, and recharge—service times average less than ten minutes. The quickest in the industry!

#### Speed

- Patented Recovery/Recycling Process Heavy-duty compressors with true single-pass technology system for maximum throughput.
- Large Industrial Grade Fan-Cooled Condensers Speed recovery, especially when temperatures are high and A/C service is in demand.
- Rapid Deep Vacuum
   7 CFM vacuum pump.
- Integrated High or Low Side Graduated Oil Charge. Fast, easy method for oil charge.
- Digital Heated Charge Programmable with thermostatically controlled heat belts. Refills most vehicles in less than 45 seconds.
- Recover from Low and High Sides of Vehicle

#### Accuracy

- Internal Weight Scales Industrial-strength scales eliminate inaccuracies and frequent calibration issues.
- Rigidly Mounted Components Robust weight scales provide accurate measurement of refrigerant recovered from and charged to vehicle.
- Refrigerant Inventory Accurate, continuous tracking of recovered, recharged, and available refrigerant. Long-term memory for cumulative refrigerant management.

#### Automation

- Automatic Prompts Guide the Technician
- Advanced Microprocessor
   Allows you to program vacuum time, leak test, charge amount, etc...and walk away.
- Pressure Detection
   Devices Automatically restarts
   compressors if residual refrigerant
   is detected.
- Single-Pass Rapid Air Purge Quickly eliminates noncondensable gases.

#### Intuition

- Digital Readout Easy to understand. Plain language information and technician prompts. No tutorial needed. So easy it makes any technician an A/C expert.
- Easy Switchover Instantaneous change between R12 and R134a—no waiting!

#### Reliability

- Pressure Protection Suction pressure regulators protect compressors and other critical components.
- Durable Components Powder-coated steel cabinet and the highest quality compressors, solenoids, circuit board, switches, wiring, filters, weight scales...
- Field Proven Reliability RTI A/C machines are the choice of the world's largest service chains and tens of thousands of satisfied customers around the world.



#### Specifications

Electrical	120 VAC - 60 Hz - 12 AMP			
	(230 VAC - 50 Hz - 6 Amp available)			
Dimensions	47 in x 31 in x 32 in (119 cm x 79 cm x 81 cm) (H x W x D)			
Weight	340 lb (154 kg)			
Operating Range	32° to 122°F (0° to 50°C)			
Scale Accuracy	$\pm 0.03\%$ load cell accuracy over useable range			
Hoses	11 ft (3.35 m)			
Compressors	3/8 HP - 0.8 kW, pressure protected, balanced startup, oiled, hermetic			
Condensers	2,270 in <sup>2</sup> (14,645 cm <sup>2</sup> ) fin surface area, 0.38 in (0.97 cm) diameter copper tubing			
Condenser Fans	Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM			
Vacuum Pump	7 CFM, 29.9 InHg (0.40 mbar)			
Charging Cylinders	30 lb (13.6 kg) DOT			
Cylinder Heaters	Heat belt, 200 Watt, thermostatically controlled			
Process Time	Less than 10 minutes average, recover/recycle/recharge			
Warranty	5 years parts; 2 years labor			

#### RHS<sup>®</sup>2780

R12 side can be converted later to R134a with an RTI conversion kit.



P/N 460-80200-00

### TC670 and TC2670 (Dual) A/C **Refrigerant Management Centers**

The most affordable do-all machines available! Top performance at a competitive price. Operation is as easy as 1-2-3!

- · Automatic recovery and recycling
- Fan-cooled condenser for maximum speed, even at high temperatures
- 7 CFM vacuum pump for TC670V and TC2670 (29.9 InHg)
- Double-duty compressor for TC670E (greater than 28.0 InHg)
- · Fast, accurate analog charging
- · Charging cylinder is heated and provides air-free charge
- TC670 models available in R12 or R134a, R12 model is convertible to R134a in the future with RTI kit
- TC2670: Dual refrigerant model with no changeover time
- TC2670: Long 11 ft. hoses. Hook up to two cars. Service one while diagnosing another.

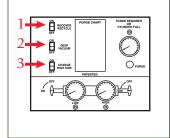
#### Easy 1-2-3 operation!

- 1. Recover/Recycle: Machine removes refrigerant from vehicle with RTI's patented system that recycles it immediately upon entering the machine. Clean refrigerant is deposited in the internal charging cylinder and is ready for recharge. Machine's compressor shuts off automatically when done, completely unattended.
- 2. Deep Vacuum: TC670V and TC2670 pull deep vacuum of better than 29.9 InHg (TC670E greater than 28 InHg) on vehicle's system, removing air and moisture.

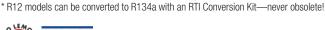


TC2670 shown above.

3. Charge: Machine power charges liquid refrigerant to high side of vehicle's A/C system. Analog scale allows accurate charge.



TC670E-R12*	1 Year Warranty	P/N 460-80205-00			
TC670E-R134a	1 Year Warranty	P/N 460-80206-00			
TC670V-R12*	2 Year Warranty	P/N 460-80207-00			
TC670V-R134a	2 Year Warranty	P/N 460-80208-00			
TC2670	2 Year Warranty	P/N 460-80210-00			
* R12 models can be converted to R134a with an RTI Conversion Kit—never obsolete!					





Charging	Visual Analog -
Hoses	11 ft (3.35 m)
Compressor	3/8 HP - 0.8 kV



Specification	าร
Electrical	120 VAC - 60 Hz - 12 Amp
	(230 VAC - 50 Hz - 6 Amp available)
Dimensions	TC670: V and E models: 41 in x 22 in x 24 in
	(104 cm x 55 cm x 61 cm) (H x W x D)
	TC2670: 43 in x 33 in x 28 in
	(109 cm x 84 cm x 71 cm) (H x W x D)
Weight	V-model: 170 lb (77 kg) / E-model: 138 lb (63 kg)
	TC2670: 264 lb (120 kg)
Operating Range	32° to 122°F (0° to 50°C)
Charging	Visual Analog - Nearest tenth of pound
Hoses	11 ft (3.35 m)
Compressor	3/8 HP - 0.8 kW, pressure protected, balanced startup,
	oiled, hermetic
Condenser	$2,270 \text{ in}^2 (14,645 \text{ cm}^2)$ fin surface area,
	0.38 in (0.97 cm) diameter copper tubing
Condenser Fan	Industrial-duty 5 blade, 8 in (20 cm) diameter, 1550 RPM
Vacuum Pump	V-model: 7 CFM, 29.9 InHg (0.40 mbar)
	E-model: double-duty compressor greater than 28 InHg (64 mbar)
	TC2670: 7 CFM, 29.9 InHg (0.40 mbar)
Charging Cylinder	Steel, 8 lb (3.6 kg) capacity
Cylinder Heater	Imbedded cartridge type - 125 watt
Process Time	Less than 10 minutes average, recover/recycle/recharge
Warranty	V-model: 2 years parts and labor
	E-model: 1 year parts and labor
	TC2670: 2 years parts and labor

### TX200 Recovery Only Air Conditioning Refrigerant Management System

Only RTI could have designed a low-cost machine like this with so much capability and performance. High performance recovery-only machine—at a competitive price.

The TX200 is a highly mobile recoveryonly unit that is fast, durable, and easy to use. It is designed for fast operation even at high ambient temperatures. Its light weight and small size makes it the perfect unit for fleet maintenance, wrecking yards, and off-site refrigerant recovery. Also, it is an excellent backup unit. It keeps the shop in the A/C business by recovering refrigerant from vehicles for later recycling. The TX200 was originally developed as a "recovery-only" machine designed for HVAC roof-top service. It is approved by EPA under Sections 608 and 609 and ARI Rated for R12. It is also perfect for dealing with contaminated refrigerant. Using the same compressor and condenser as the RTI high performance line of machines, you know it is fast!

#### TX200-R12/R22/R502 TX200-R134a



P/N 460-80240-01 P/N 460-80248-01



### ACF-3000 Air Conditioning Flush System

Specifically designed for the modern A/C repair specialist.

- Cleans A/C system components by removing debris and dirt that can cause A/C system damage and failures
- A critical process after catastrophic failures
- Prevents repeat repairs
- Closed-loop design for circulating flush fluid through system and filtering contaminants
- Safe, effective, and efficient flushing, especially when used with RTI Super Flush Pro fluid
- Special ventilation method provides optimum air quality during flush procedure
- Universal adapter kit included for wide coverage and easy hook-up
- Quality components for reliable, long term operation
- Unattended operation during flush
   process
- Simple, fast operation makes flushing easier than ever before!
- Shop air operated

ACF-3000\* Super Flush Pro, 4 – 1-gal. Containers

\* Adapter kit included.

P/N 405-80001-00 P/N 219150





### Air Conditioning Equipment Models Features and Benefits Comparison Chart

A/C Equipment Models	Digital	Single Refri	gerant	Digital Dual	Analog	single	Analog Dual
Features/Benefits	RHS®780	RHS®730	RHS®730E	RHS <sup>®</sup> 2780	TC670V	TC670E	TC2670
Patented True Single-Pass GAS FLOW							
Recovery/Recycling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Unattended Recovery/Recycling	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recovery from Both Sides of Vehicle	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High Pressure Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Recovery/Recycling Shutdown	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Hi/Low Charge Switch	Yes						
RTI Heavy-Duty Inlet and Outlet Filters	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3/8 HP Compressor, Oiled, Hermetic	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Compressor Oil Return	Yes	Yes	Yes	Yes	Yes	Yes	Yes
leavy-Duty, Industrial Grade,							
Fan-Cooled Condenser	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Suction Pressure Regulator—							
Compressor Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ntegrated Deep Vacuum Pump	7 CFM	7 CFM		7 CFM	7 CFM		7 CFM
Double-Duty Compressor for							
Recovery and Vacuum			Yes			Yes	
Analog Charging Scale					Yes	Yes	Yes
Digital Charging Microprocessor and							
Veight Scale	Yes	Yes	Yes	Yes			
ntegrated Oil Charge	Yes	Yes	Yes	Yes	Optional	Optional	Optional
RTI Rapid Air Purge—No Waiting				Yes	Yes	Yes	Yes
RTI Automatic Air Purge—No Waiting	Yes	Yes	Yes				
Quick Fill—Rapid Filling of Internal Cylinder	Yes	Yes	Yes	Yes			
ntegrated Gauge Manifold Set	Yes	Yes	Yes	Yes	Yes	Yes	Yes
lour Meter and/or Service Prompt	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ndicator Lights for Major Functions	Yes	Yes	Yes	Yes		100	100
Rear Storage Shelf				Yes	Yes	Optional	Yes
leavy-Duty Powder-Coated Steel Cabinet	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1 ft. Hoses	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy to Understand Operation Manual	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Easy, Intuitive, Ergonomic Control Panel	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Revolutionary Valveless Push Button Design	Yes	Yes	Yes	163	163	165	160
, 0	Yes		Yes	Yes	Voo	Voo	Voo
PA Approved & Certified to UL Standards	162	Yes	Tes	162	Yes	Yes	Yes
each Unit Fully lested at Factory Before Shipment	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lifetime Parts Availability Guarantee	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lifetime Toll-Free 800	162	162	ies	162	162	TES	res
Fechnical Assistance Hotline	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Single Refrigerant Model	100	100	160	100	100	160	160
Available in 2 Versions, R12 or R134a)	Yes	Yes	Yes		Yes	Yes	
Dual Refrigerant Model (R12 and R134)	100	100	160	Yes	100	160	Yes
R12 Model/Side can be Converted to R134a	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power Charging Cylinder(s)—	100	100	100	100	109	100	105
Charge Most Cars in 15-45 Seconds					8 lb.	8 lb.	8 lb.
DOT Tank(s) with Heat Belt—					U ID.	u iu.	U ID.
Charge Most Cars in 30-60 Seconds	50 lb.	30 lb.	30 lb.	30lb.			
Narranty	50 lb. 5 Years	2 Year	1 Years	5 Years	2 Years	1 Year	2 Years
Electrical Ratings*	5 Years 120V – 60Hz	2 Year 120V – 60Hz		5 Years 120V – 60Hz	2 years 120V – 60Hz	120V – 60Hz	
			120V - 60Hz				120V - 60 Hz
Dimensions (H x W x D) in Inches	49 x 20 x 20	49 x 20 x 20	49 x 20 x 20	47 x 31 x 32	42 x 25 x 23	42 x 25 x 23	44 x 33 x 31
Veights	276 lb.	244 lb.	227 lb.	340 lb.	170 lb.	138 lb.	264 lb.

### **Nitro Pro.** Nitrogen Tire Filling Systems Offer the Most Productive and Profitable Solution.

Why is the industry switching to nitrogen?

#### How nitrogen works and what it does

Nitrogen (N2) makes up the majority of the air that we breathe and is contained in the protein of all life on earth. It is colorless, tasteless, and non-toxic. The next most common component of air is oxygen (O2). Together N2 and O2 make up approximately 99% of the air we breathe and traditionally fill tires with.

#### N2 is a larger molecule than 02.

Therefore, it cannot escape as easily as oxygen



through porous material such as a rubber tire wall (carcass). Leaking at a much slower rate than oxygen, a tire filled with a higher percentage of N2 maintains its proper pressure roughly three to four times longer than air-filled tires. Proper inflation provides better fuel economy, superior handling, longer tire life, and increased safety by reducing the likelihood of low pressure related loss of control, blowouts and other tire failures.

#### N2 is a dry, inert gas.

O2 in a tire provides unwanted oxidation. Over time, this reaction destroys the tire carcass and corrodes wheels. A tire is prematurely aged by O2 from the insideout as the pressurized air in the tire makes the O2 try to escape through the tire carcass, speeding up the damaging oxidation process. N2 on the other hand. is a harmless inert gas that does not react negatively with tires and wheels. N2 filled tires also reduce tire heat, thereby decreasing rolling resistance and increasing fuel economy.

#### N2 is non-flammable.

O2 is a flammable gas while N2 is an extinguishing gas. Thus, a large number of mass transportation companies around the world fill their tires with N2 for added fire and explosion safety. In a vehicle fire, ruptured air-filled tires fuel the fire. N2 filled tires slow the fire.

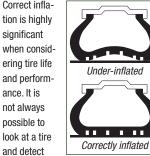
N<sub>2</sub> has been used in tires for many years on aircraft, military vehicles, off road trucks, racecars, and even Tour de France bicycles.

#### Nitrogen inflated tires are safer and longer lasting than tires inflated with air

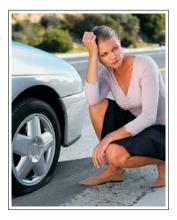
- Nitrogen inflated tires do not age as quickly as air inflated tires
- Nitrogen inflated tires minimize blowouts
- Nitrogen inflated tires improve vehicle handling through proper inflation
- · Nitrogen is an inert, non-combustible and non-flammable gas
- Nitrogen is a stable gas providing more constant pressure
- · Nitrogen is a dry gas with no corrosive properties as found in compressed air

#### Correct inflation versus under-inflation

Correct inflation is highly significant when considering tire life and performance. It is not always possible to look at a tire



under-inflation. However, under-inflation can cause many tire-related problems. As inflation pressure largely determines a tire's load capacity, under-inflation results in an overloaded tire. An underinflated tire operates at high deflection resulting in decreased fuel economy, sluggish handling and may result in excessive mechanical flexing and heat build up, leading to catastrophic tire failure. (more on next page)



#### Facts & Testimonials

"The RTI NitroPro machine is great. After looking at NADA and other sources, we found it more versatile than other nitrogen tire systems. We sold 588 services in our first full month at \$29.95 each. That more than paid for both of our machines in their first month of operation."

-Sammy Hayes, Service Director, Sam Galloway Ford

Dunn Tire L.L.C. is pleased with its nitrogen decision. Dunn Tire charges \$5 per tire. So far one store in two months sold more than 1,100 nitrogen fill-ups, which adds up to about \$5,500. Mr. O'Neill added that the fill-ups will pay for the equipment in a "very short period of time."

- "Dealers: N2 inflation gamble a good move," by Lisa Aichlmayr, Tire Business staff ©, AKRON, November 10, 2004

"One thing government and tire-industry officials agree on is the importance of keeping tires properly inflated. The risks of underinflation, which stresses tires by causing their sidewalls to flex more and the air temperature inside to rise, were highlighted during congressional hearings two years ago into the Firestone tire problems. Underinflation was identified as a factor in the failure of Firestone tires "

-Wall Street Journal, September 25, 2002

Using nitrogen instead of compressed air has distinct advantages, which lead to immediate benefits for the vehicle owner.

- 1. It has more mass, so it migrates through the tire three to four times slower. The result: Tires hold their psi longer.
- 2. It runs about 20% cooler. Less heat results in less tire degradation.
- 3. It drastically reduces oxidation on the rim and inner-liner *(nitrogen systems almost totally eliminate oxygen—the cause of* oxidation-from the mix).
- 4. It is environmentally safe.
- -Bob Ulrich, Modern Tire Dealer, July, 2004

TMC (Technology & Maintenance Council of American Trucking Association) says that about 90% of tire failures causing tire road debris is caused by underinflation.

-TMC Tire Air Pressure Study, May, 2002

Bridgestone says air inflated tires lost an average of 2.7 psi per month and nitrogen inflated tires lost an average of 0.7 psi per month.

-Guy Walenga, Clemson Tire Conference, March, 2004

Michelin Supports the use of nitrogen based on its ability to better retain pressure over a period of time.

-Michelin Technical Bulletin, November, 2003

"Goodyear says 15% under-inflation equals 8% less tread mileage and 2.5% decrease in fuel economy."

-Goodyear Radial Truck Tire and Retread Service Manual, Page 40

"Having tires inflated to the maximum recommended pressure can improve gas mileage by as much as 6 percent."

-Ann Job, "Fuel Saving Tips," MSN Autos, September 19, 2005

Pirelli says 20% under-inflation equals 15% shorter tire life.

United States Department of Energy says the United States loses over 2 million gallons of fuel each day due to under-inflation.

### **Nitro Pro.** Nitrogen Tire Filling Systems

RTI NitroPro Systems offer the best solution for nitrogen tire filling! Increase profits & vehicle count and show your customers that you are on the forefront of automotive technology and

safety. With twice the productivity per vehicle, why choose anything else?

#### Provide your customers with:

- Proper Inflation 3-4 Times Longer
- Increased Safety
- Superior Handling
- Improved Fuel Economy
- Longer Tire Life
- Decreased Wheel Corrosion

#### **High Purity Nitrogen** Production and **Delivery System**

- · Generates nitrogen on-demand using shop air source
- · On-board tank for storage of generated nitrogen
- · Eliminates need to purchase nitrogen · Innovative membrane for optimal purity and long life
- Triple filtration system for additional purity and membrane longevity
- · Auto-shutoff for less compressor use and greater energy savings
- · Portable design with nitrogen inflated tires and front lockable casters
- · Easy operation for increased productivity

#### Exclusive RTI Tire Deflation and Vacuum System

- Deflators quickly and simultaneously deflate four tires to atmospheric pressure
- Vacuum System removes more residual air than traditional nitrogen systems
- · Removes more detrimental moisture
- Increases speed of service!

**NTF-15** NTF-15 Plus NTF-15H **NTF-60** NTF-60 Plus

Air Regulator Kit

Auto. Inflator Add-On Kit (NTF-15 Plus) P/N 455-80015-00 Auto. Inflator Add-On Kit (NTF-60 Plus) P/N 455-80016-00 Premium N<sub>2</sub> Valve Stem Caps (Otv. 200) Point-of-Purchase Flyers (Qtv. 1,000) NitroPro N<sub>2</sub> Purity Tester NitroPro Hose Reel



#### **RTI NitroPro** N<sub>2</sub> Purity Tester

- · Convenient and reliable hand-held device
- · Quickly and accurately tests nitrogen tank purity
- · Quickly and accurately tests tire purity
- · Provides your customers with a professional display, validating your service

#### **RTI NitroPro Purity Assurance**

- 1. Temperature stability. The RTI NitroPro's membrane performs consistently over a wide temperature range. The performance of competitors' membranes drops off significantly in cool garage shop environments.
- 2. Age Stabilization: Most membranes age over years and continue to decline in performance. The special NitroPro polymer membranes however are fully aged in just eight weeks and stabilized at a high performance level before shipment in a NitroPro machine. This helps maximize and maintain the NitroPro's high nitrogen purity for many years to come.
- 3. Contamination Protection: The NitroPro membrane has a large bore. This means that the fiber is less susceptible to contamination damage than that of other membranes.

P/N 455-80009-00 P/N 455-80011-00 P/N 455-80014-00 P/N 455-80010-00 P/N 455-80006-00 P/N 355-80070-00 P/N 436075 P/N 944005 P/N 436050 P/N 436125



Nitro Pro



NTF-15H (left), NTF-15 (center) and NTF-60 (right).



~~~~~~ - Tire

NitroPro includes 20 samples of Premium Chrome N2 Valve Stem Caps, Tire Deflators, Point-of-Purchase Flyers and a Bay Banner!

#### Specifications

| Air Supply                                    | 100 to 150 psi (6.9 to 10.3 bar) required                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Electrical                                    | (NTF-15H and Auto Inflator) 110-120VAC 50/60 HZ                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| Controls                                      | 2 Ball valves (with an intuitive silkscreen)<br>(NTF-15H and Auto Inflator also includes) 4 Push<br>Buttons for Electronic Display and Red Slider Valve                                                                                                                                                                                                                                                                                                                                             |  |  |
| Vacuum                                        | Venturi generator (17 InHg max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |
| Service Time/vehicle<br>(average tire size**) | NTF-15, NTF-15 Plus, NTF-60 and NTF-60 Plus:<br>7 minutes average / NTF-15H: 5.04 minutes average                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| Tires per hour*                               | NTF-15: 32 tires / NTF-15 Plus: 77 tires;<br>NTF-60: 36 tires / NTF-60 Plus: 87 tires<br>NTF-15H: 47 tires                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
| Storage Tank Capacity                         | NTF-15, NTF-15 Plus & NTF-15H: 15 gal (56.8 ltr)<br>NTF-60 & NTF-60 Plus: 60 gal (227 ltr)                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |
| Nitrogen Purity Level                         | Minimum 95 to 98% (from membrane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |
| Hose                                          | Coiled Green Air Hose (18 ft working length) (5.5 m)<br>(NTF-15H also includes) / Green 1/4 inch Air Hose: Three<br>24 ft (7.3 m) / Two 12 ft (3.7 m) working length hoses                                                                                                                                                                                                                                                                                                                          |  |  |
| Dimensions                                    | $\begin{array}{l} \text{NTF-15 & \text{NTF-15 Plus: 49 in x 20 in x 22 in} \\ (125 \text{ cm x 51 \text{ cm x 56 cm}) (\text{H x W x D}) \\ \text{NTF-60 & \text{NTF-60 Plus: 52 in x 20 in x 27.5 in} \\ (132 \text{ cm x 51 cm x 70 cm}) (\text{H x W x D}) \\ \text{NTF-15H: 61 in x 25 in x 26 in} \\ (155 \text{ cm x 63.5 cm x 66 cm}) (\text{H x W x D}) \\ \text{Auto Inflator Add-On Only: 19.5 in x 25 in x 10 in} \\ (49.5 \text{ cm x 63.5 cm x 25 cm}) (\text{H x W x D}) \end{array}$ |  |  |
| Weight                                        | NTF-15: 155 lb (70 kg) / NTF-15 Plus: 178 lb (80 kg)<br>NTF-60: 220 lb (100 kg) / NTF-60 Plus: 243 lb (110 kg)<br>NTF-15H: 206 lbs. (94 kg) / Auto Inflator: 28 lbs. (13 kg)                                                                                                                                                                                                                                                                                                                        |  |  |
| Accuracy                                      | NTF-15H: Plus or Minus 0.3psi (2.1 kPA) (0.02 bar)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |
| Display Increments                            | NTF-15H: 1 psi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |  |
| Warranty                                      | 5 year parts & labor (Auto Inflator 1 year parts & labor)                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |

### See how RTI *Nitro Pro*. stacks up to other brands!

| Manufacturer<br>Feature | RTI Technologies                                                                                                                                                                                                                                                                        | Brand X                                                                                                                                                                | Brand Y                                                                                                                                                                |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Portability             | Yes (NTF-15 models) Greater productivity.                                                                                                                                                                                                                                               | No                                                                                                                                                                     | No                                                                                                                                                                     |
| Vacuum                  | Yes – removes more air and moisture plus speeds<br>service time and increases N2 purity                                                                                                                                                                                                 | No – more moisture and residual air left in tire—lower N2 purity in tire.                                                                                              | No –more moisture and residual air left in tire lower N2 purity in tire.                                                                                               |
| Deflation Tool          | Yes - Simply screw onto valve stem and deflate tires                                                                                                                                                                                                                                    | No – Removal of valve core required,<br>making it susceptible to damage or loss                                                                                        | No – Removal of valve core required,<br>making it susceptible to damage or loss                                                                                        |
| Service Procedure*      | Exclusive Three-Step Service: Deflate tire, vacuum tire<br>and inflate tire to desired pressure.<br>FASTER AND MORE PROFITABLE SERVICE!!!<br>(see service times below)                                                                                                                  | MULTIPLE steps required:<br>1st – Deflate tire; 2nd – Inflate tire;<br>3rd – Deflate tire; 4th – Inflate tire<br>NOTE: ADDITIONAL SCFM and technician<br>time required | MULTIPLE steps required:<br>1st – Deflate tire; 2nd – Inflate tire;<br>3rd – Deflate tire; 4th – Inflate tire<br>NOTE: ADDITIONAL SCFM and technician<br>time required |
| Typical Service Time**  | 7 minutes, 15 seconds                                                                                                                                                                                                                                                                   | 13 minutes, 30 seconds                                                                                                                                                 | 13 minutes, 25 seconds                                                                                                                                                 |
| Effective SCFM***       | 2.1 SCFM or 5.1 SCFM                                                                                                                                                                                                                                                                    | 1.13 SCFM (advertised as 2.25 SCFM)                                                                                                                                    | 2.0 SCFM (advertised as 4.0 SCFM)                                                                                                                                      |
| Assembly                | No assembly required – Easy out-of-the-box operation                                                                                                                                                                                                                                    | Assembly required prior to use                                                                                                                                         | Assembly required prior to use                                                                                                                                         |
| Filtration              | Triple filtration system for additional purity and<br>membrane longevity. Easy visual access to filter<br>change indicator                                                                                                                                                              | Mini filtration system. No visual indicator to ensure proper maintenance of filtration                                                                                 | Visual indicator hard to see resulting in filter maintenance easily overlooked                                                                                         |
| Fill Hose               | Coiled green air hose (18 ft. working length) with<br>durable fill handle and built in gauge. Pressure/Vacuum                                                                                                                                                                           | Fill hose and inflation gun not included with unit                                                                                                                     | Fill hose and inflation gun not included with unit                                                                                                                     |
| Operation Manual        | Included with unit and also available on RTI website.<br>Clearly defines the process, how to perform deflation/<br>inflation procedure, unit components and filter<br>maintenance information                                                                                           | Not Included –<br>Operation manual specifying the deflation/<br>inflation process is not included with unit                                                            | Not Included –<br>Operation manual specifying the deflation/<br>inflation process is not included with unit                                                            |
| Auto Shut-Off           | Preset at 120 psi                                                                                                                                                                                                                                                                       | No – without an auto shut-off the<br>compressor could run continuously and<br>result in compressor failures                                                            | Preset at 125 psi                                                                                                                                                      |
| N2 Purity Analyzer      | Hand held device included with unit. Quickly and easily<br>test the tank and tire purity. Purity port conveniently<br>located on the control panel for easy access.                                                                                                                     | No – Purity analyzer not included. No built-in<br>port so no way of checking purity of nitrogen<br>being generated.                                                    | Analyzer is built in to the unit. Unable to verify nitrogen purity levels in vehicle tires. Weekly manual calibration required.                                        |
| Valve Stem Caps         | 20 high quality chrome samples included with unit.<br>Identifies nitrogen filled tires.                                                                                                                                                                                                 | Not Included                                                                                                                                                           | Not Included                                                                                                                                                           |
| Point-of-Sale Display   | Included with purchase                                                                                                                                                                                                                                                                  | Available at Extra Cost                                                                                                                                                | Available at Extra Cost                                                                                                                                                |
| Banner                  | Included with purchase                                                                                                                                                                                                                                                                  | Available at Extra Cost                                                                                                                                                | Available at Extra Cost                                                                                                                                                |
| Maintenance             | Easy filter change required once per year or when<br>indicator reaches the end of indicator bar. Visual<br>indication and filter maintenance program aid in<br>providing the most complete warranty. Filter<br>maintenance can be completed by user with no<br>outside service required | Semi-annually – twice a year. No visual<br>indication on filters so semi-annually may<br>not be sufficient for quality nitrogen results.                               | Requires authorized manufacturer's technician to service carbon absorber.                                                                                              |
| Technical Support       | Lifetime toll-free technical support to assist you with technical questions and troubleshooting. Website support also. No lemon guarantee.                                                                                                                                              | No website support or technical data on website. Requires user to contact service rep or make a technical service call.                                                | No website support or technical data on website. Requires user to contact service rep or make a technical service call.                                                |

\* Test procedure: Begin with air filled tire at 30 psi, use deflators to deflate to atmosphere, use vacuum feature to pull a 17 inHg vacuum, inflate to 30 psi with nitrogen

\*\* Typical service time determined by following the service procedures listed. Typical service includes servicing (4) 225/60/R15 tires.

\*\*\* Effective SCFM determined by the initial SCFM minus the SCFM wasted during the specified service procedures.



RTI NitroPro vs. Bottled Nitrogen

#### Profitability

Bottled nitrogen – approximately \$0.50 per tire = \$2.00 per vehicle added cost. If 5 vehicles per day then about \$3,000 greater profit with NitroPro!

#### • Productivity

Bottled nitrogen – unload, store, mount on cart, connect hoses, open valve, empty, disconnect hoses, dismount from cart, store, load. Shop Labor \$\$\$.

#### Safety

Bottled nitrogen – heavy, high pressure, tipovers on unstable carts, risk of explosion due to shop accidents.

#### • Supply

Bottled nitrogen – If you run out, you can't offer the service.

NitroPro – If you have shop air, you have nitrogen!

### **ATX Automatic Transmission Fluid Exchangers**

The most technologically advanced transmission machines. Fast, automatic, and accurate fluid exchange!

- Fully Automatic Operation Press the fluid amount you wish to exchange and walk away. Audible and visual alerts when exchange is complete. Averages only 2-5 minutes!
- Leading Accuracy
   Digital weight scale technology provides
   true fluid mass measurement and
   better accuracy.
- Multi-Fluid Capability
   Easily change fluid types. Remove one type of fluid from the machine with the push of a button and replace with another type. Separate drain hose eliminates contamination of fluid.
- Rapid Exchange

Large fill pump provides new fluid quickly. Precision mass measurement fills accurately and minimizes the need to adjust fluid level after exchange.

- Leading Exchange Percentage
   Proportional motor control prevents fluid
   turbulence and mixing to provide effective
   displacement of old fluid.
- Diagnostics Integrated Pressure Gauge measures transmission pressure.
- Fluid Flow Direction Indication Automatically indicates if you are hooked up to the vehicle correctly. Audible alert and light signal technician to reverse hoses if necessary.
- Simple Operation Electronic keypad with clean, logical layout provides intuitive interface.
- Patented Vehicle Protection
   Special patented by-pass circuit protects transmission in the event of power outage.

- Comprehensive Adapter System Color-coded, quick connect adapters with convenient reference chart makes vehicle hook-up quick and easy.
- Professional Appearance Impressive looking machine with intuitive keypad, light emitting diodes, and "new versus used" fluid comparison accentuates difference to customers and helps sell your service.
- Lifetime Product Support Full product testing before shipment, lifetime toll-free technical assistance, a comprehensive one year warranty and 200+ service centers maximize your productivity and minimize your operation costs.
- Drain Pan System
   One push-of-a-button to drain pan
   automatically

ATX-3 Offers Service Options Service by the traditional cooler mode like the ATX-2 offers or service through the dipstick mode.



ATX-3 dipstick tube service with the convenient dipstick tube adapter.

| ATX-2                                                                                                                         | P/N 400-80001-00 |
|-------------------------------------------------------------------------------------------------------------------------------|------------------|
| ATX-2PS Combo<br>(ATX-2 with PSX-2 mounted)                                                                                   | P/N 415-80008-00 |
| ATX-3                                                                                                                         | P/N 400-80007-00 |
| ATX Extended Adapter Kit (Includes less<br>common European adapters not included<br>in comprehensive standard kit with ATX-2) | P/N 518105       |
| OLEMO, MADE IN THE OPAGE                                                                                                      |                  |









Quality, color-coded adapters and quick coupler system, are conveniently stored in top of machine.

*Converter Kit* converts 110 Volt to 12 Volt. (P/N 911405)

| Electrical      | 12 VDC - 15 Amp (ATX-3 12 VDC – 17 Amp)                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions      | 45 in x 28 in x 26.5 in (112 cm x 70 cm x 67 cm)<br>(H x W x D)                                                                                                                   |
| Weight          | ATX-2:158 lb (72 kg) / ATX-3: 164 lbs. (74.5 kg)                                                                                                                                  |
| Operating Range | 32° to 122°F (0° to 50°C)                                                                                                                                                         |
| Pump            | Positive Displacement Gear Pump, 4 quarts<br>(3.8 liters) per minute / (ATX-3 also includes<br>Diaphragm Pump, 7.2 quarts (6.84 liters) per min.                                  |
| Process Time    | 2 to 5 minutes average full exchange. /<br>ATX-3 also offers (Dipstick Mode) 8 to 14 minutes<br>average full exchange                                                             |
| Scale Accuracy  | ±0.03% over usable range                                                                                                                                                          |
| Controls        | Microprocessor with digital keypad and<br>light emitting diodes                                                                                                                   |
| Fluid Tanks     | 26 quarts (24.6 liters) each for both new and used fluids                                                                                                                         |
| Fluid Types     | Multiple Fluid Capability. Machine is capable of<br>emptying contents to switch fluid types.                                                                                      |
| Hoses           | 10 ft (3 m) Black & Red (Exchange);<br>8 ft (2.5 m) Black (Empty Used Tank) /<br>ATX-3 also includes 5 ft (1.5 m) Clear, attached to<br>8 ft (2.5 m) Black Hose for Dipstick Mode |
| Adapter Set     | Cooler line connection. Valved couplers for minimum spill. Standard adapters for Ford, GM, Chrysler, and Universal (covering most Asian imports).                                 |
| Warranty        | 1 Year Parts and Labor                                                                                                                                                            |

12

### **PSX-2** Power Steering Fluid Exchanger

Offer power steering fluid exchange service with this fast, reliable and easy to operate machine.

- Multiple Power Steering Fluid Capability quick and easy changeover between different power steering fluid types
- Fast, accurate, dual pump operation
- Quick and profitable, complete service time averages 5–15 minutes
- Provides professional, thorough exchange of fluid
- Easy service hook-up—direct interface with power steering fluid reservoir
- Easy mobility-4 durable, swivel casters
- Simple operation—just flip a switch and begin extracting or adding fluid
- High quality, positive displacement diaphragm pumps require no priming, and are designed for years of operation
- Clear two-channel hose, provides excellent new versus used fluid visual
- Convenient shelf for storage and small footprint saves valuable shop space

- Professional appearance helps sell legitimate OEM recommended service
- Remote wand allows machine control at Power Steering Fluid Reservoir
- Lifetime toll-free tech support
- One year warranty
- Three models:
- 1. PSX-2 with cart—the most popular and convenient choice
- 2. PSX-2A for adding onto an ATX-2 ATF unit
- 3. PSX-2B without cart, economy bench-top version
- Also can be ordered as ATX-2PS automatic transmission and power steering fluid combo model (see bottom photo and information)



#### Specifications

| Electrical      | 12 VDC - 4 Amp                                 |
|-----------------|------------------------------------------------|
| Dimensions      | 45 in x 22 in x 21 in (113 cm x 55 cm x 53 cm) |
|                 | (H x W x D)                                    |
| Weight          | 33 lb (15 kg)                                  |
| Operating Range | 32° to 122°F (0° to 50°C)                      |
| New Fluid Pump  | Diaphragm type, 1 gal (3.79 liter) per minute  |
| Used Fluid Pump | Diaphragm type, 1 gal (3.79 liter) per minute  |
| Hoses           | 3/8 in (0.95 cm) clear PVC                     |
| New Tank        | 1 gal (3.79 liter) clear PVC                   |
| Used Tank       | 1 gal (3.79 liter) clear PVC                   |
| Process Time    | 5 to 15 minutes average                        |
| Fluid Types     | Multiple Power Steering Fluid Capability       |
| Casters         | 360° Swivel; locking                           |

#### PSX-2 (with Cart and control wand [shown above right]) PSX-2A (ATX-2 add-on and control wand) PSX-2B (Bench-top and control wand)



P/N 415-80005-00 P/N 415-80006-00 P/N 415-80007-00

### ATX-2PS Combo Automatic Transmission and Power Steering Fluid Exchanger

Offer two services with one machine!

ATX-2 and PSX-2 combined into one machine.

ATX-2 specifications are shown on page 12; PSX-2 specifications are shown above.

Perform automatic transmission fluid and power steering fluid exchange services at the same time!

ATX-2PS Combo Power Steering/ Transmission Unit

P/N 415-80008-00

### MCX Multi-Coolant Exchangers

One machine for the quickest, most complete exchange-for any type of antifreeze!

#### MCX System

Multiple Coolant Exchange (MCX) System for simple, rapid switching of one coolant type to another. Quick switching from traditional green antifreeze to Dex-Cool™ or others. The first machine to address modern coolant service needs! Comes standard with one 15 gallon waste tank and two 7.5 gallon fill tanks for two different antifreeze types. Additional tanks are available at a low cost.

 Extra Pumping Power Exchanges coolant in most vehicles in 1 to 3 minutes! The fastest service times in the industry!

Superior Exchange Efficiency

"Engine Off" operation, reverse flushing and extra pumping power provide the most complete coolant exchange. 92-98% singlepass average exchange: the industry's best! Removes contamination and particulates efficiently on a hot or cold vehicle from the engine block, water core, water pump, hoses and radiator.

#### · Easy Operation

Simple controls and quick coupler connection system make operation extremely fast, clean and easy. Simple connection to upper radiator hose with universal step adapters. Absolutely no hose cutting.



MCX Accessory Kit

includes Universal

Adapter Hoses (2),

Adapters with 1/4 in.

Universal Step

Turn Valves and

Quick Connect/

Disconnect Fittings.

MCX-2HD includes

additional hose and

adapters. (Heavy-

Duty Adapter Set,

P/N 318125)

Fill Tanks MCX models contain two tanks for two different antifreeze types. Additional tanks (P/N 319875) can be purchased at an affordable price. (MCX-2HD Tanks, P/N 319889)

Drip-proof Quick Coupler for rapid, clean changeover between different coolants.



Reservoir Adapter for Saturn (P/N 318180)





RTI's global company supplies the equipment that fills new vehicles with coolant and other fluids in some of the most advanced automotive assembly plants around the world. Use our experience to speed your coolant service and increase your profits!

- Lifetime Product Support Full product testing before shipment, lifetime toll-free technical assistance, a comprehensive one year warranty and 200+ service centers maximize your productivity and minimize your operation costs.
- Four Models: MCX-1, MCX-2, MCX-2F and MCX-2HD

Identical except that the MCX-2 adds the features of system pressure test and "hot car" radiator cap pressure relief. MCX-2F adds Flush By-Pass Loop and Flow Indication to MCX-2. MCX-2HD is MCX-2 for heavy-duty trucks.



MCX-2 shown above.

| Electrical           | 12 VDC - 15 Amp                                                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions           | 45 in x 38 in x 22.5 in                                                                                                                                               |
|                      | (114 cm x 97 cm x 57 cm) (H x W x D)                                                                                                                                  |
| Weight               | 121 lb (55 kg)                                                                                                                                                        |
| Operating Range      | 32° to 122°F (0° to 50°C)                                                                                                                                             |
| Hoses                | 3/8 in (9.5 mm); quick connect/disconnect (brass; chrome sleeve; silicone sealed)                                                                                     |
| Step Adapters        | Universal; 2 sets; 1-1/4 in to 1-3/4 in range<br>(3.2 cm to 4.4 cm) diameter (MCX-2HD<br>contains additional step adapters)                                           |
| Adapter Hoses        | Universal; 2 hoses, 1-1/4 in to 1-3/8 in<br>(3.2 cm to 3.5 cm) and 1-1/2 in to 1-3/4 in<br>(3.8 cm to 4.4 cm) diameter (MCX-2HD<br>contains additional adapter hoses) |
| Fill Pump            | Diaphragm Type: 2 gal (7.9 liter) per minute                                                                                                                          |
| Drain Pump           | Impeller Type: 2 gal (7.9 liter) per minute                                                                                                                           |
| Pressure Switch      | 6 to 12 psi (0.4 to 0.8 bar); protects vehicle cooling systems from high pressure                                                                                     |
| New Coolant Tank (2) | 7.5 gal (28 liter); integrated output tube with<br>debris filter screen and check valve;<br>MCX-2HD contains two 15 gal (57 liter) tanks                              |
| Waste Coolant Tank   | 15 gal (57 liter); integrated input/output tube                                                                                                                       |
| Process Time         | Less than 3 minutes average full exchange                                                                                                                             |
| Coolant Exchange     | 92 to 98% single pass, average exchange for most vehicles                                                                                                             |
| Warranty             | 1 Year Parts and Labor                                                                                                                                                |



P/N 470-80008-00 P/N 470-80009-00 P/N 470-80010-00 P/N 470-80013-00

MCX Caster Kit

mounted on any

MCX models to

make for easier

mobility through

shop doors. (P/N

319882)

This kit can easily be

MCX models contain two tanks for two different antifreeze types. Additional tanks (P/N 319875) can be purchased at an affordable price. Additional MCX-2HD tanks (P/N 319889)



### VCX Vacuum Coolant Exchangers

#### Coolant/antifreeze exchange service has never been this easy!

- Vacuum coolant from the radiator and charge new coolant back
- Simply remove the vehicle radiator or overflow cap, insert vacuum cone and go
- Special large volume 20 qt. coolant cylinders allow service of cars and trucks
- Impressive "new versus used" coolant visual sells the service
- Removes up to 80% of the coolant in a single pass
- Shop air operated with integrated pre-set pressure regulator
- Large nitrogen inflated tires and casters: easy movement; no tip overs
- Special material front casters do not allow debris to stick. Eliminates "wheel lock-up"
- Thick-walled (1/4 in.), high quality, acrylic coolant cylinders for long-term durability and clarity



Color-Match Control System eliminates guesswork! Just turn the valves to the same color as the desired function.



Simply insert cone in radiator spout or overflow tank.





- Quick changeover from one antifreeze type to another
- Thick, precision machined aluminum end caps with integrated pressure relief valves and springs offer unparalleled pressure protection
- Lifetime Product Support Full product testing before shipment, lifetime toll-free technical assistance, a comprehensive one year warranty, 200+ service centers maximize your productivity and minimize your operation costs
- Simple operation, quality and support make this vacuum machine the clear choice
- Color-Match Control System eliminates guesswork! Just turn the valves to the same color as the desired function.



VCX-4 offers four coolant cylinders (3 new coolant; 1 used coolant) for maximum productivity in handling different types of coolant!

P/N 470-80012-00 P/N 470-80014-00



VCX-1 shown above.

#### **Specifications**

| Dimensions        | VCX-1: 63 in x 28 in x 22.5 in                |  |
|-------------------|-----------------------------------------------|--|
|                   | (160 cm x 71 cm x 57 cm) (H x W x D)          |  |
|                   | VCX-4: 63 in x 28 in x 29 in                  |  |
|                   | (160 cm x 71 cm x 74 cm) (H x W x D)          |  |
| Weight            | VCX-1: 130 lb (59 kg) / VCX-4: 200 lb (91 kg) |  |
| Power Source      | Shop air, 55 to 110 psi (3.8 to 7.6 bar)      |  |
| Controls          | Ball valves with color-match system           |  |
| Pump              | Venturi Vacuum generator;                     |  |
|                   | 28 InHg (0.95 bar) maximum                    |  |
| Process Time      | 5 to 15 minutes average                       |  |
| Coolant Cylinders | 20 quart (18.9 liter) each                    |  |
| Fluid Types       | Any coolant type (Fast easy changeover)       |  |
| Hoses             | Clear, wire reinforced 10 ft (3 m)            |  |
| Adapter Set       | 2 Cone plugs; 8 in (20 cm) hose adapter       |  |

### BFX-2 Brake Flush System

The new standard for brake flush service—fast, simple, automated, effective and profitable! A special push/pull process flushes the entire system and provides the highest quality service. The BFX-2 does the job right.

#### Fast, Simple, and User-Friendly

Connect to the vehicle, then complete the fluid exchange in only 5-10 minutes!

- Universal master cylinder adapters with vehicle reference quick guide for extremely easy hook-up
- Logical controls with intuitive layout
- Quickly adapts to many types of brake fluid bottles (or use RTI-supplied fluid tank).
- Automatic shut-off and illuminated warning lights when new fluid tank is empty or used tank is full
- Easy hose hook-up and storage
- Convenient pistol wand allows quick and accurate filling of master cylinder

#### Reliable

RTI realizes the machine needs to work properly to maximize your productivity!

- Years of development and testing before introduction—proven reliability
- Only quality components are used—keeps
  machine operating productively
- Rugged cabinet with special powder coated steel to resist brake fluid corrosiveness
- Each unit is factory tested for proper operation and performance before shipment
- Heavy-duty packaging to get the machine from RTI to you in NEW condition

#### Effective and Professional

- Special pressure/vacuum (push/pull) operation for extra fluid flow and better exchange
- Isolates one bleeder at a time for optimum purity
- Performs OEM recommended bleeding sequences
- Process eliminates unwanted air
- Pressure Gauge assists in diagnosing brake system leaks
- Works on ABS and non-ABS brake systems
- Optional kit available for flushing clutches (P/N 433105)

#### Profitable

Affordable and fast for a quick return on investment and excellent profit margins.

- Brake Fluid Exchange Service is widely demanded, easily sold, and profitable for a number of reasons
- Vehicle fluid maintenance is gaining acceptance with the vehicle owning public
- Routine interval brake fluid exchanges are recommended by a growing number of OEM's
- MAP (Motorist Assurance Program) recommends the replacement of brake fluid with a simple copper content test (sample test strips included with machine)
- Brake fluid exchange is one of the most important services performed for ensuring vehicle safety

### Machine operation is as easy as 1-2-3!

- 1. Empty Master Cylinder: Press the "Empty Master Cylinder" switch, and insert the BFX-2 drain hose into the master cylinder.
- 2. Fill Master Cylinder: Press "Fill Master Cylinder" switch and squeeze wand trigger to fill master cylinder to specified operating level.
- 3. Flush Brake System: Attach master cylinder adapter and quick-fit bleeder hoses, open the bleeder fittings, press flush and desired bleeder sequence and walk away!
- Old fluid is removed and replaced by clean, new fluid in just minutes!
- Free Lifetime Toll-Free Technical Assistance
- Network of Hundreds of Service Centers
- Free On-Site Set-up and Training
- Free Banner



#### Specifications

| 12 VDC - 10 Amp                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| Vacuum Pump: diaphragm 1.6 gal<br>(6 liter) per minute<br>Fill Pump: diaphragm 1.4 gal<br>(5.3 liter) per minute                |
| 5 gal (19 liter) Used<br>1 gal (3.8 liter) New                                                                                  |
| DOT 3 & DOT 4 Brake Fluid                                                                                                       |
| Black EPDM 1/4 in (0.6 cm),<br>12 ft (3.7 m) long                                                                               |
| Black EPDM 3/16 in (0.8 cm) with<br>90 degree rubber connectors,<br>20 ft (6 m) rear (Qty=2) and<br>12 ft (3.7 m) front (Qty=2) |
| Black EPDM 1/4 in (0.6 cm),<br>12 ft (3.7 m) long                                                                               |
| Contains universal adapters for<br>master cylinders                                                                             |
| 49 in x 20 in x 22 in<br>125 cm x 41 cm x 56 cm (H x W x D)                                                                     |
| 120 lb (55 kg) with adapters                                                                                                    |
| 1 Year Parts and Labor                                                                                                          |
|                                                                                                                                 |

#### BFX-2

"Brake-A-Sure" Brake Fluid Test Strips Clutch Flush Adapter Kit



### **OSX-2 Engine Oil System Flusher**

start-up.

chemical fill.

· Pre-lube feature eliminates dry starts

and protects engines during initial

• Large wheels and casters for high

· Illuminated tank for easy, accurate

not allow debris to stick.

help sell the service.

increases profits.

mobility. Special jam-free casters do

· Fully functional, "new versus used," oil

• Upgrades oil change service menu and

16 oz. each) of oil system cleaner and

• Includes a starter kit of (6 bottles,

filter bowls impress customers and

Upgrade your service menu with a better oil change!

- · Removes sludge, contaminants, and residue from vehicle oil system.
- System air purge process provides a better oil change by removing old oil and cleaner from galleys.
- Simple, microprocessor-controlled, automatic operation.
- Fast and easy hook-up-just connect spin-on oil filter adapter to vehicle oil filter mount.
- Efficient recirculating filtration system flushes all oil sludge, contaminants, and residue out of vehicle oil system.
- · Machine injects proper amount of cleaning chemical quickly with the touch of a button and with no mess.



New versus used filter visual sells the oil service! Show your customers the results! Left to Right:

A. New. Unused Filter

- B. Filter with New Oil
- C. Filter after service



Fast and Easy Hook-up to oil filter mount.





OSX-2 includes starter kit of (6 bottles, 16 oz. each) of oil system cleaner and 6 filters. One bottle/filter per most vehicles.

#### OSX-2

Oil System Service Kit (Includes 12 bottles, 16 oz. each of cleaner and 12 filters)



#### P/N 420-80001-00

P/N 711100



| Electrical          | 12 VDC - 16 Amp                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions          | 45 in x 28 in x 27 in (114 cm x 71 cm x 69 cm) (H x W x D)                                                                                                                 |
| Weight              | 154 lb (70 kg)                                                                                                                                                             |
| Controls            | Microprocessor with digital keypad and light emitting diodes                                                                                                               |
| Pump                | Diaphragm Pump, 4 qt (3.8 liter) per minute                                                                                                                                |
| Process Time        | 25 to 30 minutes average service time                                                                                                                                      |
| Fluid Tank Capacity | 1 gal (3.8 liter)                                                                                                                                                          |
| Air Tank Capacity   | 1 gal (3.8 liter)                                                                                                                                                          |
| Chemical            | RTI PremierCare Oil System Cleaner                                                                                                                                         |
| Filter              | RTI 5 Micron                                                                                                                                                               |
| Hoses               | Black & Red 10 ft (3 m)                                                                                                                                                    |
| Adapter Set         | Contains oil filter adapter inserts for most modern Ford,<br>GM, Chrysler, European and Asian vehicles. Spin-on filter<br>adapters connect to oil filter mount on vehicle. |
| Couplers            | Quick connect, valved for minimal spill                                                                                                                                    |

### **DFX-1 Differential Fluid Exchanger**

Offer Differential Fluid Exchange Service with this Fast, Reliable and Easy to Operate Machine.

- Quick and profitable, complete service time 10-15 minutes average
- Powerful pump (120 Volt) moves heavy gear oil
- Provides professional, thorough exchange of fluid
- Easy service access direct interface with differential
- Easy mobility 4 heavy-duty casters
- Simple operation just flip a switch and begin drain or fill
- Convenient shelf and small footprint saves valuable shop space
- Clean operation valved hose ends prevent fluid spill
- Provides a needed profitable service!
- Lifetime toll-free tech support
- One year warranty

| Specifications        |                                                               |
|-----------------------|---------------------------------------------------------------|
| Electrical            | 120 VAC - 0.7 Amp                                             |
| Pump (Qty=2)          | Diaphragm 1.4 gal (5.3 liter) per minute                      |
| Temperature Range     | 32° to 130°F (0° to 55°C)                                     |
| Process Time          | 10 to 15 minutes average                                      |
| Hoses                 | 3/8 in (0.95 cm) Clear PVC; 9.5 ft (3 m) long                 |
| Fluid Tank Capacities | 1 gal (5.3 liter) Used and New                                |
| Fluid Types           | All Gear Oils including synthetic<br>(75-90W through 85-140W) |
| Dimensions            | 43 in x 22 in x 21 in (109 cm x 56 cm x 53 cm) (H x W x D)    |
| Weight                | 32 lb (15 kg)                                                 |
| Warranty              | 1 Year                                                        |

#### DFX-1

P/N 445-80001-00

P/N 435-80001-00

P/N 313011



### **EV-1 Exhaust Ventilation System**

#### Add safety and professionalism to your facility!

- Portable and practical for use in any shop
- Provides safer, healthier work environment
- Powerful motor (0.75 HP) allows thorough ventilation
- Corrosion resistant fan
- 110 volt electricalHeat resistant hose
- Dual exhaust adapter included\*
- Spring loaded column for easy height adjustment
- Durable locking casters

| Dimensions                      | 40 in x 22 in x 22 in                                     |
|---------------------------------|-----------------------------------------------------------|
| DIMENSIONS                      |                                                           |
|                                 | (102 cm x 56 cm x 56 cm) (H x W x D)                      |
| Total Weight                    | 73 lb (33 kg)                                             |
| Motor                           | 110 VAC (0.75 HP)                                         |
| Hose                            | 40 ft (12 m) long; 5 in (12.7 cm) diameter                |
| Electrical Outlet               | Minimum 6 Amp                                             |
| A-Weighted Surface Noise Rating | Corrected LpA = 73 dB (A)                                 |
| Working Temperature             | 23° to 120°F (–5° to 49°C)                                |
| Fuses (Qty=2)                   | 16 Amp time delayed; 0.39 in x 1.49 in<br>(10 mm x 38 mm) |

#### EV-1

#### Dual Exhaust Kit\*\*

 $^{\ast}\,$  Hoses and nozzles to exhaust pipes not included; see kit above.

\*\* Hoses (2) 5.5 ft length.





### **ELF-1 EVAP Leak Finder**

The latest advancement in EVAP Leak Detection. Superior ability to find a wider variety of automotive system leaks!

- NO Heat and NO Smoke! One-of-a-kind technology utilizes patented, safe, non-flammable, smoke-free process to find leaks. It just looks like smoke!
- NO Nitrogen Required Use air or nitrogen
- Meets OBDII Test Requirements
- Higher generation rates fill systems quickly and reduce service time!
- Multiple Pressure Settings (1-15 psi with safety default)— Find more types of leaks than other systems.
  - EVAP Systems
  - EGR Valves
  - Fuel Injector O-Rings
  - Throttle Bodies and Gaskets
  - Fuel and Oil Leaks
  - Vacuum Lines and Fittings
  - Intake Manifold
  - Head Gaskets
  - Valves and Piston Rings
  - Vacuum Reservoirs
  - HVAC Controls
  - Hoses and Heater Cores
  - Wind and Water Leaks

#### **Specifications**

| opeenication       |                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------------------------------------------|
| Pressure Source:   | Compressed air or Nitrogen                                                                                            |
| Pressure Range:    | 0 psi to a maximum of 15 psi                                                                                          |
| Pressure Control:  | 1 psi, 3 psi and 4-15 psi manual range                                                                                |
| Leak Detection:    | Non-toxic, non-contaminating light-enhanced fluid;                                                                    |
| (per 4 oz.)        | Approximately 5,000 minutes of continuous operation.<br>Intermittent operation will yield between 600 and 1,000 tests |
| Dimensions:        | 9 in x 17 in x 8 in (23 cm x 42 cm x 21 cm) (H x W x D)                                                               |
| Weight:            | 10 lb (4.5 kg)                                                                                                        |
| Cabinet:           | Durable plastic                                                                                                       |
| Power Source:      | Vehicle Battery - 12 VDC                                                                                              |
| Refill:            | Refill kit available from RTI.<br>Simple refill, no special tools required                                            |
| Adapters/Fittings: | 8 assorted rubber plugs for most operations; PCV plugs;<br>(3) Stepped clear hoses; EVAP port adapter                 |
| Light Sources:     | High intensity "white" light                                                                                          |
| Warranty:          | 1 Year                                                                                                                |
|                    |                                                                                                                       |

#### ELF-1

#### P/N 475-80001-00

| 4 oz. Fluid (1 bottle included with ELF-1) | P/N 438100 |
|--------------------------------------------|------------|
| 4 oz. Fluid Case (6 bottles)               | P/N 438115 |
| Adapter Kit (included with ELF-1)          | P/N 438130 |
| Cart                                       | P/N 438200 |
| Quick Coupler NTF Kit                      | P/N 438150 |
| Hose (included with ELF-1)                 | P/N 438125 |
| High Intensity "White" Light               |            |
| (included with ELF-1)                      | P/N 438140 |
| (                                          | .,         |

A. EVAP Port Fitting (included in P/N 438130)

C

В

A

AK EI

**B. Fog Diffuser** – slows down and collects fog to detect wind and whistle leaks (included in P/N 438130)

П

E

- C. Rubber Adapters complete set of (8) assorted sizes (included in P/N 438130)
- D. High Intensity "White" Light (P/N 438140)
- *E. 4 oz. of Patented Fluid* illuminating properties make leaks easy to find (*P/N* 438100)

# Fast, Simple Operation

- 1. Attach battery clips and air supply
- 2. Turn on power
- 3. Press pressure button
- 4. Find the leak

Steps 1-3 take less than 1 minute. Most leaks found in less than 3 minutes.

### ID1000 Pro Refrigerant Identifier System

Shows percentages of R12, R134a, R22, hydrocarbons and air. Keep your equipment and recovered refrigerant safe and pure!

- Quickly and accurately determines refrigerant purity
- Identifies EPA SNAP approved blend refrigerants, "Blend ID"
- Easily samples refrigerant—one hose hook-up
- · Identifies hydrocarbons and air
- Built in printer for an "On-The-Spot Receipt"
- New convenient handheld design

RTI Technologies' ID1000 Refrigerant Identifier System is fast, accurate, and easy to use. It identifies percentages of R12, R134a, R22, Hydrocarbons like propane and butane, and air. Accurate infrared identification technology provides the most advanced, reliable, and easy to use refrigerant identification system available. The RTI Identifier System uses a superior preprogrammed Alpha-Numeric LCD Readout that walks you through its simple operation. Competitors' units use cryptic 3 or 4 digit displays requiring operation manual guidance. Also, a special printer allows you to supply your customers with a printed record of their A/C system's contents. The customer will know you did the job right! A selfcalibrating system ensures at least 98% accuracy—the best in the business!

Also available is the ID1000 (P/N 216025) which includes all the same great features without built-in printer.

Add a rechargeable battery pack and charger (P/N 216038) for ID1000 and ID1000 Pro, making your identifier truly portable and eliminating the need to attach to the vehicle battery.



### Elite UV Leak Detection Kit

A complete package with cordless advantage.

- LED UV Light-Cordless
- 2 oz. Refillable Injector
- 4 oz. Super Bright Dye
- Fast Charger
- "Dye Installed" Decals
- UV Enhancing Glasses
- Storage Case

Designed with the professional in mind by utilizing the most current technology in UV leak detection available today. LED style light provides plenty of light for any leak detection application and provides the *cordless advantage* with re-chargeable battery design. Premium 2 oz. refillable injector is not only fast and easy but the most economical way to add dye to an A/C system. No proprietary cartridges are necessary. Simply attach to the low side service port and with a couple quick turns, 1/4 oz. is accurately dispensed. All of our A/C dyes are R12 and R134a compatible.

· Rigid Tube attachment for filling of

missions, transfer cases or pumps.

· The various attachments are inter-

changeable using a single-handed operating coupler on top of the unit.

front or rear differentials. trans-

Elite UV Leak Detection

P/N 213020

### FHS-100 Brake Bleeder & Flusher

The FHS-100 provides the solution you need!

- Unique feature allows choice of either filling or removing fluids. The change of operation is simple with a quick turn of the control knob.
- Oil Extraction Tube for dipstick tube extraction
- Brake Fluid Bleeder for Brake Bleeding
- General Purpose Tube with Shut-off
  Valve and Semi-Rigid Flex End



### Complete A/C PremierCare Consumables Starter Kit

The MOST COMPLETE A/C consumables kit on the market today!

- Over 890 pieces 5 boxes (P/N 219310)
- Ford O-rings and springs (P/N 219315)
- GM 0-rings and metal gaskets (P/N 219320)
- Chrysler metal gaskets (P/N 219322)
- Import O-rings (P/N 219324)
- Retrofit fittings, ports and caps and 8 different types of orifice tubes (P/N 219326)



P/N 219310

Chrysler metal gaskets



GM O-rings and gaskets



Orifice tubes



man ant O vin sa

Import O-rings

#### Complete A/C Consumable Starter Kit

Total Store A/C Starter Package

- Small tool box containing small tools necessary to work on A/C systems, including Ford spring tools, valve core removal tools, port de-burring tools, duct thermometer, orifice tube removal tool set, o-ring removal tool, Bridgeport sockets, various adapters for hoses, and more.
- Fin comb
- Condenser cleaning air gun
- Heat gun
- High side adapter kit
- Leak detector electronic
- Leak detector UV dye with 5 dye cartridges
- Safety goggles and gloves (2 pair each)
- System guard protectors for completed service jobs

#### • Retrofit clutch/pressure switch

- Retrofit adapters
- Complete consumables kit including O-rings, orifice tubes, caps, gaskets, etc.
- A/C refrigerant capacity chart
- Compressor oil replacement
- chart
- Flush gun and flushes for nine cars
- Six different types of oils (total of 27 bottles) (see page 24)



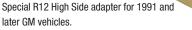
Total Store A/C Starter Package P/N 219109

### A/C Adapters, Couplers, Cylinders, Fittings and Hoses

#### R12 Adapter Kit, Basic P/N 218020

1/4 in. x 1/4 in. shutoff 1/4 in. x 3/16 in. shutoff GM 1991 and later 1/4 in. x 3/16 in. Flexible 1/4 in. x 1/8 in. adapter Misc. gaskets, depressors

#### GM '91 High Side Adapter, P/N 218025



#### R134a Tank Adapter, P/N 218008

Special fitting to be screwed onto 1/2 in. ACME threads, so that R134a Low Side Field Service Coupler can be attached to a virgin or recycle tank.

#### Vacuum Pump Adapter P/N 217025

R134a Vacuum Pump Adapter, 1/4 in. Flare female x 1/2 in. ACME male.

#### **Red High Side Service Coupler** P/N 215010

Fits all machines and gauge sets requiring R134a High Side connection. 1/2 in. ACME threads connect to hose ends.

#### Blue Low Side Service Coupler P/N 215011

Fits all machines and gauge sets requiring R134a Low Side connections. 1/2 in. ACME threads connect to hose ends.

#### R12/R22 DOT Cylinder, 30 lb.

#### P/N 219710

Standard "re-usable" DOT container. Rated for the extra high pressures of R22. 1/4 in. SAE connections. Recommend Electronic Weight Scale as additional accessory to avoid over-filling.

#### R12/R22 DOT Cylinder, 30 lb. with OFP P/N 219711

Over-fill Protection float switch installed. Compatible with RTI equipment or others that use Brad Harrison type electrical connector.

#### R134a DOT Cylinder, 30 lb. P/N 219714

Standard "re-usable" DOT container. 1/2 in. ACME additional accessory to avoid

#### R134a DOT Cylinder, 30 lb., with OFP P/N 219715

**Overfill Protection float switch** installed. Compatible with RTI equipment or others that



#### Heat Blanket P/N 215020

Specially designed by RTI for adding heat to refrigerant

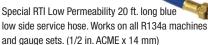


containers to increase speed of transfer (pre-charging) into RTI machines or charging from refrigerant containers. 100-120 Volt. Thermostatically controlled with thermal fuse for safety. Fits 30 lb. and 50 lb. containers. Recommended in cold climates.

#### R134a, Red Hose, 20 ft., P/N 219510

Special RTI Low Permeability 20 ft. long red high side service hose. Works on all R134a machines and gauge sets. (1/2 in. ACME x 14 mm)

#### R134a, Blue Hose, 20 ft., P/N 219511



#### R12 Yellow Hose, 8 ft., Ball Valve P/N 219538



R12 yellow hose, 8 ft., 1/4 in. turn, shut-off valve. (1/4 in. flare female x 1/4 in. flare female)

#### R12 Yellow Hose, 6 in., Shut-off Valve P/N 219540



6 in. yellow hose assembly with 1/4 in. turn valve. (1/4 in. flare male x 1/4 in. flare female)

#### R12 Hose Set. 6 in., Shut-off Valve P/N 219543

One each red and blue 6 in. hose assembly with 1/4 in. turn valve. (1/4 in. flare male x 1/4 in. flare female)

### A/C Equipment Maintenance

#### Filter, RRC750/760 P/N 219802

Filter for thousands of RRC750/RRC760

Refrigerant Management Centers in the field.

#### Filter, High Side 1996-Current Model Machines P/N 219804

22



Outlet filter for 1996 through current RTI A/C Models. Change usually recommended at 50 hours of compressor run time (300-500 vehicles). See Recycling Machine Operation Manual.

Filter, Low Side 1996-Current Model Machines P/N 219805

Inlet filter for 1996-

current RTI A/C Models. Change usually recommended at 25 hours of compressor run time (150-250 vehicles). See Recycling Machine Operation Manual.

#### Filter, ID1000 and ID2000 P/N 219825

Filter used in the ID1000 and ID2000 Refrigerant Identifiers for protection from oil and debris.



#### In-line Filter, 10 Pack P/N 219830

on most RTI A/C machines.



O-Ring Repair Set, 134a Service Couplers P/N 215015



This kit will replace the O-rings in RTI as well as most other R134a service couplers. Several of each size are included.





connections. Recommend **Electronic Weight Scale as** over filling.

use Brad Harrison

type electrical connector.

### A/C Equipment Maintenance (continued)

#### R134a Red System Hose, 11 ft. P/N 219505



Special RTI "Low Permeability" 11 ft. long red high side service hose with 1/2 in. ACME threads x 14 mm, as comes on machines.

#### R134a Blue System Hose, 11 ft. P/N 219506



Special RTI "Low Permeability" 11 ft. long blue low side service hose with 1/2 in. ACME threads x 14 mm. as comes on machines.

#### R12 Red System Hose. 11 ft., P/N 219520

R12 red hose assembly. 11 ft. with 1/4 in. turn valve assembly. This hose works on most machines as well as gauge manifold sets. 1/4 in. Flare Female x 1/4 in. Flare Male, as comes on machines.

R12 Blue System Hose, 11 ft. P/N 219521

R12 blue hose assembly. 11 ft. with 1/4 in. turn valve assembly. This hose works on most machines as well as gauge manifold sets. 1/4 in. Flare Female x 1/4 in. Flare Male, as comes on machines.

#### Vacuum Pump Oil 1 at., P/N 217020 Case, P/N 217021

Treat your vacuum pump to an oil change today! Our premium vacuum pump oil is a unique blend which will add years of life to most any vacuum pump when changed at regular intervals. Purchase in 12 gt. case.

#### Maintenance Kit P/N 219808

Maintenance Kit for RHS780/RHS730V Machines.



#### Maintenance Kit P/N 219809 Maintenance Kit for RHS730E Machines.

Maintenance Kit

P/N 219810

RHS680.

Maintenance Kit for





### A/C Leak Detection

#### A/C Leak Detection Kit P/N 213029



UV light, R12 and R134a adapters, dye injection gun are all included in a molded case.

#### LD-1 Leak Detector. **Premium Electronic** P/N 214100

High performance, highly sensitive and accurate. Battery

powered. Recommended as a reliable and accurate way to check for leaks. Meets new SAE Standards.

- · Detects all halogenated refrigerants
- · Pinpoint leaks as small as 0.1 oz./year
- Tri-colored visual leak level indicator
- Variable frequency audible alarm
- · Easy-to-use keypad controls
- · Ergonomic, cushion grip handle
- · Auto reset, battery test and mute functions
- · Molded custom carry case

#### Sensor, Leak Detectors, 3 Pack (for P/N 214125. P/N 214135, P/N 214139



#### Glasses, Dye Enhancing P/N 213040 Dye enhancing UV glasses.

Gun, UV Kit P/N 213038 Gun only for UV Kit, P/N 213029.

UV Dye Cartridge,



acuum Pump Oi

R134a, Dye Adapter P/N 218029

This universal adapter attaches to many types of cartridges. R134a low side coupler. Included with P/N 213020 UV Kit.

#### A/C Dye, 1/4 oz., 12 pack P/N 213055



Open the convenient 1/4 oz. bottle and add it to the A/C system anytime it is open. Next time you see that vehicle your system leak diagnosis will only take minutes. All of our A/C Dyes are compatible

will make your leak detection fast and easy.

with R12 and R134a systems. These super bright dyes

#### A/C Dye, 1 oz., 6 pack P/N 213058

All of our A/C Dyes are compatible with R12 and R134a systems. These super bright dyes will make your leak detection fast and easy.

#### A/C Dye, 4 oz., 4 pack P/N 213060

Getting dye in this economical 4 oz. bottle saves time and money. Graduations on the bottle assures accurate dispensing.

#### Oil Dye, 1 oz., 6 pack P/N 213062

RTI's new "All Oil" dye is compatible with engine oil, transmission fluid and power steering fluid. These super bright dyes will make your leak detection fast and easy.





PT'



8 oz., 32 Applications P/N 213031 This cartridge contains 8 oz. of universal A/C dye. Enough concentrated dye for 32 vehicles. Fits many

#### Refillable Dye/Oil Injector P/N 213050

popular styles of dye injection guns.

This professional aluminum 2 oz. capacity injector can be used to easily inject dye or oil thru

the low side port of

graduations provide accurate dispensing. One 4 oz. bottle of universal A/C dye included. Works on R12, as well as R134a systems.

#### **R12 Dye Adapter** P/N 218028

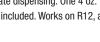
This universal adapter works with many types of A/C injection tools.

R134a low side to 1/4 in. Flare Female. Comes with UV Kit, P/N 213029.











### A/C Oil and Flush Items



#### Fluid Flush, 1 gt. P/N 219133

Specially formulated to remove lubricants and particulates from R12 and R134a A/C systems. Used in conjunction with the RTI Flush Gun.

Flush Gun

Assembly

P/N 219155

Uses shop air to

RTI Flush Fluid.

A guick, economical tool

nants from A/C systems.

thoroughly clean with

for flushing contami-



#### Super Flush Pro, Four 1-gal. Containers P/N 219150

· Designed to flush all vehicles and ideal for use with major closed-looped flush machines



- Meets all A/C compressor (new and rebuilt) manufacturer requirements
- For most effective use, see ACF-3000 A/C Flush Machine on page 7
- A premium A/C refrigerant flushing fluid, specifically formulated to clean and extract particles (including common leak sealants) left in R134a or R12 A/C systems. Superior miscibility provides optimum cleaning and protection. Recognized at the MACS Conference as a major A/C technology breakthrough for removing leak sealants which are damaging refrigerant recycling machines and A/C system components.



· Six types of Oil (27 bottles)

- PAG 46, 100, and 150 (8 bottles, 8 oz. each)
- Mineral, YA-9 Ford, and Ester (1 qt. each)

### A/C Supplies

#### System Guard Port Seals, 125 Vehicle Pack P/N 216054

These tamper proof port seals work like heat shrink tubing. Once

work has been completed simply slide a seal over the cap and shrink it into place with a heat gun. Guard against unqualified repairs and/or DIY additives to the A/C system. Each seal has a unique serial number for your security.

#### Sealant Detector Cartridges, 25 Pack

P/N 216045 25 pack of replacement cartridges for P/N 216040 Sealant Detector Kit.



RTI Guard, Strap Style, 50 Pack, P/N 216050

These tamper proof straps RT

system ports and lock on just like a tie strap. Along with guarding your



work against unqualified repairs they bring customers back to your shop. Each strap has a unique serial number for your added security.

### A/C Tools

#### A/C Tool Kit P/N 211035

A/C Tool Kit includes, Low Side Service Coupler, Duct Thermometer, Universal Valve Core Tool. Orifice Tube Service

Kit, R134a Valve Core Removal Tool, R12 Port Thread Repair Tool, R134a Service Port Reamer Tool, Ford Spring Lock Set (4), O-Ring Removal Tool, Bridgeport Sockets, Universal Gaskets & Depressors, R134a Field Service Coupler O-Rings and Tank Adapters.

#### Sealant "Quick Detect" Kit P/N 216040

The RTI Sealant Detector Kit includes everything you need to make a fool proof determination of the presence of leak sealant. It quickly lets you know if an A/C system sealant has been added to the A/C system.

Once you know that sealant is not present you can safely recover the refrigerant and start repairs. Don't risk contamination of your A/C equipment. Kit includes re-usable A/C system couplers and enough replacement cartridges to sample 10 vehicles. 25 pack of replacement cartridges, P/N 216045.

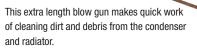


#### Orifice Tube Removal Tool, Deluxe Set P/N 211018

Corroded in place orifice tubes are easily removed with this handy removal set.



#### Condenser Blow Gun P/N 211039





prevent access to



### A/C Tools (continued)

#### Valve Core Tool, 8 mm / 10 mm P/N 211010

Those stubborn 8 mm and 10 mm valve cores on those late model vehicles don't stand a chance with this very heavy-duty tool. Its 5-1/4 in. length combined with its 3/4 in. knurled diameter body lets this tool get the job done. The use of a 3/8 in. wrench on the hex of either adds plenty of leverage.

#### R12 Service Port Thread Chaser P/N 211020

When hooking up to an R12 fitting or when retrofitting, get clean straight threads with this handy tool.

#### R134a Port Debur Reamer P/N 211023

Use whenever you hook-up to avoid cutting the O-ring in your couplers; just one quick turn!

#### Thermometer, Duct P/N 211060

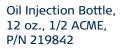
This handy 1 in. dial duct thermometer ranges from  $-40^{\circ}$  to  $+160^{\circ}$ F.

#### Oil Drain Bottle, 8 oz. P/N 219841

Our 8 oz. oil drain assembly can be used with many popular machines that are equipped with a 1/4 in. flare oil drain port. The precision needle valve lets the operator control the flow. The bottle graduations allow for an accurate measurement of removed oil.

#### Oil Injection Bottle, 8 oz., 1/4 in. Flare, P/N 219840

Our 8 oz. oil injection assembly can be used with many popular machines that are equipped with a 1/4 in. flare oil injection port. The precision needle valve and the graduations on the bottle allow for accurate oil dispensing.





Oil injection assembly for R12 or R134a works on most any application. 1/4 flare female on one side and 1/4 flare male on the other. Adapter included to convert to 1/2 ACME for R134a applications.

#### In-line Oil Charge Kit, R12 or R134a, 12 oz., P/N 211049

In-line oil injection assembly for R12 works on most any application. 1/4 flare female on one side and 1/4 flare male on the other. Attaches in-line on either a machine or a gauge set.

#### In-line Oil Charge Kit, R12 or R134a, 12 oz. P/N 211050

Oil injection assembly for R12 or R134a works on most any application. 1/4 flare female on one side and 1/4 flare male on the other. Adapter included to convert to 1/2 ACME for R134a applications. Bracket included for mounting the bottle to the machine.



### A/C Vacuum Pumps, Manifold Gauges, Scales

#### Vacuum Pump, 7 CFM P/N 217010

- R12, R134a or other refrigerants
- Simple, reliable
- operation7 CFM for extra rapid dehvdration
- 29.9 InHg, 300 micron vacuum level
- Sturdy housing is built to last for many years

The RTI 7 CFM Vacuum Pump is designed for fast, efficient operation. Its large, powerful composition pulls an air conditioning system into a deep vacuum in record time. It removes air and moisture rapidly, assuring thorough dehydration before you recharge. An industrial strength motor ensures long-lasting reliability and operation. It can also be integrated into many RTI refrigerant management centers.

#### Vacuum Pump, 2.5 CFM P/N 217019

This newly designed vacuum pump provides all the high performance features without the big price

tag. The light-weight sleek new style makes this pump great for most any application. The rotary vane design utilizes "twin port" technology for fast, deep vacuum levels. Both the R12 and R134a ports are designed for quick changeover between refrigerants.

#### Electronic Weight Scale P/N 212030

Electronic Weight Scale with 175 lb. (80 kg) capacity.



#### R134a Gauge Manifold Set (Aluminum) P/N 212007

Red, Yellow and Blue 6 ft. Hose Set.

Aluminum Block Design with sight glass. Anti-Flutter Design Gauges. Professional style service couplers.

#### R134a Gauge Manifold Set (Brass) P/N 212009

Red, Yellow & Blue 6 ft. Hose Set. Brass Block Design with sight glass. Anti-Flutter Design Gauges. Professional style service couplers.

#### R12 Gauge Manifold Set P/N 212011

Red, Yellow & Blue 6 ft. Hose Set. Brass Block Design with Shut-Off Valves.

### **Brake Flush**

#### "Brake-A-Sure" Brake Fluid Test Strips, P/N 432100

These handy test strips will help you sell more brake fluid flush services. Now you can use the FASCAR® rating system for a quick visual inspection to determine the contamination level of brake fluid. These strips don't test for moisture or PH, they test for true contamination. In just seconds you will know if a complete brake fluid flush should be recommended per UICS. Each test strip will test the virtual age of brake fluid. 100 test strips per tube.

#### Hydraulic Clutch Flushing Adapter Kit P/N 433105

Adding brake fluid service? You can now add clutch flushing too! Add this kit to your BFX-2 Brake Fluid Exchanger and compliment its capabilities to add clutch flushing.



### Coolant

#### Fill Tank, 7.5 gal. P/N 319875

Two (2) 7.5 gallon tanks are included with most MCX series coolant machines. Complete with all the fittings, pick-up tube, filter and check valve.

#### Waste Tank, 15 gal. P/N 319877

This 15 gallon tank is included with all MCX series coolant machines. It is complete with all the fittings.

#### Coolant Dye, 1 oz. P/N 213065

These super bright dyes will make your leak detection fast and easy. Use your ultraviolet light to locate the leak.

#### MCX Accessory Kit P/N 318120

This kit comes with MCX series machines.

#### MCX Caster Kit P/N 319882

This kit can easily be mounted on any MCX models to make 18 es for easier mobility through shop doors.



Pinch-Off Pliers, 8 in. P/N 311230 Pinch-Off Pliers, 10 in P/N 311231 Pinch-Off Pliers, 12 in. P/N 311232

#### MCX Adapter, P/N 318161

MCX adapter for 1999 current BMW 3 and 5 series.

#### **Coolant Test Strips** P/N 311200

These new style test strips work great on conventional and Dex-Cool<sup>™</sup>! Fast and accurate determination of the coolant properties. Freeze point, boil over,

and protection against corrosion and breakdowns. Show your customer their cooling system, does or does not need, a professional service.

#### Flush Hose Assembly P/N 318130

Hot car hook-up a breeze! This flush hose works with any of our MCX series machines. With the addition of this optional hose, a detergent flushing operation may be done without the hot coolant being a problem for a technician.

#### HD MCX Adapter Set P/N 318125



This large adapter set makes a great addition to any of our MCX series machines. It enables the powerful MCX machine to exchange coolant in those Heavy-Duty applications using 2 in., 2-1/4 in., 2-1/2 in. hoses.

#### MCX Adapter, Pressurized P/N 318180



Reservoir Adapter for Saturn.

#### MCX Adapter Storage Bracket P/N 318105

Add this Adapter Storage Bracket



easily to any MCX series machine. Keep your adapters organized and use the built-in shelf for other tools you need, like pinch off pliers, PH meter, refractometer or test strips. Mounting hardware included.

#### Refractometer P/N 311220

This refractometer is designed with the professional in mind. It features a focusing eye piece



and an extra large display. This rugged all metal instrument is calibratable to assure accuracy for years to come. It will deliver an accurate freeze point reading in just seconds. Tests most types of coolant and battery acid properties.

### **Engine Oil System Flush**

#### Oil System Cleaner Kit P/N 711100

Includes 12-16 oz. Bottles of Cleaner and 12 Filters.

Cleaner only, 12-16 oz. Bottles P/N 711105

#### Filters only, Case of 12, P/N 711106

Used with RTI Oil System Service Equipment, it provides a better oil change. Oil System Cleaner fluid loosens and dissolves sludge which is then caught by the 5 micron filter.

OSX Adapter, **Bushing Set Kit** P/N 711815



#### OSX Adapter, Infiniti P/N 711200

G20 ('91-'96), G20 ('99-'02), Q45 ('97-'01), QX4 ('97-'03)

OSX Adapter, Ford & Mazda P/N 711138

Ford, Mazda ('03-'06), 2.3 liter

OSX Adapter, Mercedes-Benz P/N 711205 Mercedes-Benz ('05), 3.2 and 5.0L

P/N 711206 Mercedes Benz ('98-'05), 1.8 and 2.3L

P/N 711207 Mercedes Benz ('91-'00), 4.2 and 5.0L



P/N 711171 Golf, Jetta, Passat ('98-'05), 24 Valve, 2.8L

P/N 711172 Beetle, Golf, Jetta, ('98-'04), TDI, 1.9L



#### OSX O-Ring Kit, P/N 711810

OSX Thread Gauges. Set of 2, P/N 711820



Canister Type Filter, GM 2.2 Ecotec P/N 711125

**Chevy Cavalier Oldsmobile Alero** Pontiac Grand Am

Pontiac Sunfire Saturn Vue



Canister Type Filter, Saturn 3.0 Liter V-6 P/N 711135



Canister Type Filter, Volvo P/N 711130

Filter, Ford Power Stroke Diesels, Thread Size 1-1/2 in. – 16 P/N 711140

F250 and F350 ('02 and '03), 3/4 and 1 Ton trucks.











### **Fuel System**

#### Fuel System Cleaner, 12 - 8oz. Bottles P/N 419200

Used with RTI Fuel System Service Equipment to improve performance problems related to carbon buildup. Increase horse-power, fuel economy, smooth idle, and engine life. Reduce hard starts, throttle hesitation, and harmful emissions.



Don't see it here, then give us a call or visit our web site.

Toll Free 800-468-2321

www.rtitech.com



### General

| A/C Service<br>Stay Cool!                                     | Fuel System<br>Cleaning Service<br>Improve Performance!                                                                                    |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Antifreeze/Coolant<br>Exchange<br>Protect your vehicle today! | Nitrogen Tire Filling Service<br>© Batter The Pressee © Improved Feel Issoony<br>© Invested Selvery © Conger the Use<br>© Separior handing |
| Automatic Transmission                                        | Oil System                                                                                                                                 |
| Fluid Exchange                                                | Flushing Service                                                                                                                           |
| Protect your vehicle today!                                   | A better oil change!                                                                                                                       |
| Brake Flush                                                   | Power Steering                                                                                                                             |
| Service                                                       | Fluid Exchange                                                                                                                             |
| Maintain your safety!                                         | Protect your vehicle today!                                                                                                                |
| Differential Fluid                                            | Wheel Alignment                                                                                                                            |
| Exchange                                                      | Service                                                                                                                                    |
| Protect your vehicle today!                                   | Keep it Straight!                                                                                                                          |
| RTI Bay Banners                                               |                                                                                                                                            |

#### RTI Bay Banners

P/N 911220 A/C Service Antifreeze/Coolant P/N 911223 Automatic Transmission P/N 911224 Brake Flush Service P/N 911227 Differential Flush Service P/N 911228 Engine Oil System P/N 911226 Fuel System P/N 911222 Nitrogen Service P/N 911229\* P/N 911221 Power Steering P/N 911225 Wheel Alignment

Deluxe, 60 in. x 24 in. banner, poly-reinforced white vinyl 12 Volt, with red letters, rope, grommets, and wind slits. \* P/N 911229 measures 84 in. x 33.5 in.

#### Dust Cover, Small P/N 911200

Made from deluxe reinforced fabric, red with the RTI logo. For RTI models RHS®780, RRC770, RHS®730, TC670, ATX-2, ESX-2, OSX-2 and PSX-2 units.



#### Dust Cover, Medium P/N 911208

Made from deluxe reinforced fabric, red with the RTI logo. For RTI models AC2880, RHS®2780, and TC2670 units.

#### Dust Cover, Large P/N 911205

Made from deluxe reinforced fabric, red with the RTI logo. For RTI models AC800, AC2860, RHS®2680, TC2770, and MCX units.



### Nitrogen Tire Filling

#### RTI Nitro Pro. N2 Purity Tester. P/N 436050

Included with NTF machines. Convenient and reliable hand-held device. Quickly and accurately tests nitrogen tank purity and accurately tests tire purity. Provides your customers with a professional display, validating your service.

#### N<sub>2</sub> Premium Chrome Valve Stem Caps, 200 Pack, P/N 436075



Sample of twenty included with NTF machines. High quality chrome valve stem caps with N2 marking provides a reminder that tires are filled with nitrogen.

#### **Tire Deflators** P/N 436090



Included with NTF machines. Simply screw onto valve stem and deflate tires to atmosphere.

#### **Pressure Regulator** P/N 436110

For shops with compressor air pressure output above 150 psi. Reduces pressure to under 150 psi (within NTF operating range).

#### Pressure Gauge P/N 436105

NitroPro Gauge and Fill Gun, 30" Hg Vacuum to 90 psi.

#### P/N 436106

NitroPro Gauge and Fill Gun for higher pressure tires, 30" Hg Vacuum to 150 psi.

#### Filter Kit 2.1 P/N 436300



and NTF-60 models. Replacement required annually or as indicated on the NTF filter change indicator

#### Filter Kit 5.1 P/N 436302

### Filter replacement kit for

NTF-15 Plus and NTF-60 Plus models. Replacement required annually or as indicated on the NTF filter change indicator.

#### **Quick Connect Kit** P/N 438150

Quick coupler connects your ELF-1 EVAP Leak Finder to any NTF unit to operate the ELF-1 using Nitrogen instead of air.



### Transmission Accessories

Quick Disconnect Tool Set (Four sizes included: 3/8 in., 1/2 in., 5/8 in., 7/8 in.), P/N 518690



Unique stainless steel design tool makes quick work of those Jiffy-Tite fittings. Eliminates the need to remove the spring clip. Losing and/or damaging springs is no longer a problem. Hinged to slip over the tube and closes around the tube; slide into and open the spring clip for easy removal of the tube from the fitting. Saves valuable time!

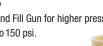
#### ATX Flush Canister, In-Line, 14 oz. P/N 518695

Use this in-line, 14 ounce 🥟

canister when flushing a sealed transmission. Attaches in-line between the vehicle and machine. Once you add the flush, it is automatically carried into the system with transmission fluid. Will also work with many popular fluid exchange machines.







### Transmission Adapters • These adapters fit many popular vehicles.

|                  | General Motors (Silver)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| J<br>P/N 518500  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | J1<br>P/N 518501 |
| K<br>P/N 518502  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | K1<br>P/N 518503 |
| 2A<br>P/N 518504 | Contraction of the second seco |                  |
| 29<br>P/N 518513 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30<br>P/N 518514 |
| 23<br>P/N 518507 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 24<br>P/N 518508 |
| 21<br>P/N 518509 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 22<br>P/N 518510 |
| 25<br>P/N 518511 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
| 20<br>P/N 518512 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
| 26<br>P/N 518515 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
| 27<br>P/N 518505 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28<br>P/N 518506 |

|                  | Chrysler (Gray) |                   |
|------------------|-----------------|-------------------|
| H<br>P/N518210   |                 | H1<br>P/N 518211  |
| l<br>P/N518214   |                 | l1<br>P/N518215   |
| F<br>P/N 518219  |                 | F1<br>P/N 518220  |
| V<br>P/N 518216  |                 | V1<br>P/N 518217  |
| CA<br>P/N 518222 |                 | CA1<br>P/N 518223 |
| 61<br>P/N 518212 |                 | 62<br>P/N 518213  |
| 3<br>P/N 518218  |                 |                   |
| 4<br>P/N 518221  |                 |                   |
|                  |                 |                   |

|                 | Asian & Other Types of Vehicles |              |
|-----------------|---------------------------------|--------------|
| 8<br>P/N 518630 |                                 | (Requires 2) |

|                       | Ford (Gold) |                  |
|-----------------------|-------------|------------------|
| A<br>P/N 518141       |             | A1<br>P/N 518142 |
| B<br>P/N 518143       |             | B1<br>P/N 518144 |
| C<br>P/N518190        |             | C1<br>P/N 518191 |
| D<br>P/N 518145       |             | D1<br>P/N 518146 |
| E<br>P/N 518147       |             | E1<br>P/N 518148 |
| G<br>P/N 518149       |             | G1<br>P/N 518150 |
| 1<br>P/N 518140       |             |                  |
| 9<br>P/N 518152       |             |                  |
| 97<br>P/N 518155      |             | 98<br>P/N 518154 |
| PushLoc<br>P/N 518151 |             |                  |

|      | Miscella                          | neous Adapters                                      |                                                      |
|------|-----------------------------------|-----------------------------------------------------|------------------------------------------------------|
|      |                                   |                                                     |                                                      |
|      | 0° Adapter Hos<br>ght Adapter Hos |                                                     | P/N 518121<br>P/N 518120                             |
| Adap | ter Hose                          | 1/4 in.<br>5/16 in.<br>3/8 in. (Qty.: 2)<br>1/2 in. | P/N 518640<br>P/N 518641<br>P/N 518642<br>P/N 518643 |
|      | Clamp                             | 8 – 12 mm<br>10 – 16 mm<br>16 – 25 mm               | P/N 518660<br>P/N 518661<br>P/N 518662               |
|      | PushLoc                           | 3/8 in.<br>5/16 in.                                 | P/N 518681<br>P/N 518680                             |

| Eu                | ropean (Black) (Optional Extended K | (it)*             |
|-------------------|-------------------------------------|-------------------|
| L<br>P/N 518300   |                                     | L1<br>P/N 518301  |
| M<br>P/N 518302   |                                     | M1<br>P/N 518303  |
| N<br>P/N 518304   |                                     | N1<br>P/N 518305  |
| AV<br>P/N 518403  |                                     | AV1<br>P/N 518404 |
| 99<br>P/N 518405  |                                     |                   |
| 33<br>P/N 518620  |                                     | 34<br>P/N 518621  |
| VO<br>P/N 518600  |                                     | (Requires 2)      |
| 35<br>P/N 518601  |                                     | (Requires 2)      |
| 31A<br>P/N 518407 |                                     |                   |
| 37<br>P/N 518306  |                                     |                   |
| 38<br>P/N 518307  | 4                                   | 39<br>P/N 518308  |
| 40<br>P/N 518309  | #                                   | 41<br>P/N 518310  |
| 43<br>P/N 518425  | $\mathbf{x}$                        | 44<br>P/N 518426  |

\* Adapters shown in red are part of the Optional Extended Adapter Kit (P/N 518105), and are not included in Adapter Set shipped with ATX. All adapters can also be purchased individually.

For a current list of applications, standard and optional adapters, visit our web site (www.rtitech.com) or contact your RTI distributor.

# Why Buy RT Products?

#### • Choices

An equipment model to fit any need.

#### • Performance and Profitability

Always considered the leader in speed and ease of use. Throughput: more cars serviced per hour means more revenue and profits for your business.

#### Value

Competitive pricing. You get more for your money.

#### • Reliability

What do you think the "R" in RTI stands for? Each unit is factory tested! We understand that your business depends on quality equipment to perform the services you offer. That's why we build it to perform dependably and to keep your services flowing. With durable construction and components, RTI equipment outlasts and outperforms other equipment brands.

#### • Warranty

Extensive, no-hassle warranty coverage-clearly the leader. The best in the business. "No Lemon" guarantee.

#### • In-House Sales Support

Call 800-468-2321, extension 256 for quick product information.

#### Field Sales Support

A large number of representatives available to support you with on-site set-up and training.

#### • Order Shipment

Historically, orders ship within 24 hours.

#### • Toll-Free Technical Support

A large staff of veteran technical service personnel are available to assist you with technical equipment questions and troubleshooting.

#### Service

Hundreds of service centers available for rare occurrences of needed repairs.

#### • Maximum Uptime

Replacement parts are in RTI stock and available for next day delivery.

#### • Trusted Reputation and History

Widely considered the highest performance, most dependable equipment built—ask any RTI equipment owner or service center.

#### • References/Endorsements

The largest chains in North America (AAMCO Transmissions, Firestone, Goodyear, Jiffy Lube, Meineke, Midas, Sears, Valvoline Instant Oil Change) and many others choose RTI as their supplier of equipment. Hundreds of thousands of technicians have enjoyed the benefits of RTI equipment.

#### Core Competency

Into our third decade, our concentration and expertise has been to create the best automotive service equipment available.

#### Leading Technology

We share technology with our AUTO division, the leader in high tech fluid process equipment used to fill new vehicles with fluids in automobile assembly plants. We will always have an edge.

#### • Expanding Product Lines

We offer the widest range of maintenance service equipment and continue to grow our product lines. We invite you to grow with us.

#### Stability

We are an established, well financed, "not-for-sale" company with the same experienced core group of managers we have had for many years. We will be there for you.

#### • Flexibility

Our goal is to be one of the most flexible and dynamic companies anywhere. Do you have a special request? Ask us.

RTI was awarded the TechShop Top 5 Tools Award for 2005 as voted by many of TechShop's 110,000 repair shop subscribers. This award recognizes companies that exhibit exceptional brand strength, technological leadership and product innovation. It is the only true equipment and tool award from shop owners and technicians.

| BOR SEALENT         |
|---------------------|
| RIS-PERSONAL STREET |
| 1000                |
| 5                   |
| Annes               |
| And Persons         |

Some of the other awards given to RTI are the Undercar Digest Top 10 Tools Award, Motor Top 20 Tools Award and Professional Tool and Equipment News Innovation Award.





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## Need Automotive Maintenance Equipment?

## Trust the expert.

RTI supplies America's largest service chains... Midas, Jiffy Lube, Firestone, Goodyear, Valvoline, Meineke, Sears, AAMCO Transmissions and many more. We also supply the equipment that fills new vehicles with fluids in some of the most advanced automotive assembly plants around the world. The biggest names in the automotive industry trust RTI with their fluid handling needs. Shouldn't you?

### What can RTI do for you?

From A/C and Nitrogen to fluid such as Transmission, Coolant and Brake, RTI is dedicated to providing you with quality products to help your business prosper.

**Complete package –** RTI offers a wide range of products to fit any need. Consider RTI your "one-stop shop" for equipment.

**Quality** – each piece of RTI equipment is thoroughly tested before it leaves the factory. Using only the highest quality components, our equipment is built to last.

**Performance –** highest performance so more services can be done per day which means more revenue and profit for your business.



Multi-fluid filling stations for new vehicle manufacturing.

**Reliability** – durable construction and quality components. RTI equipment outlasts and outperforms other equipment brands.

**Success –** decades of experience in the market and thousands of satisfied customers worldwide.

Factory:RTI Technologies, Inc., York, Pennsylvania, USASales Offices:USA • Brazil • China • Denmark • Singapore • UKDistributors and Service Facilities:Distributors and Service Facilities Throughout the World.

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