

Fluid Exchange

Refrigerant Handling Systems | Recovery/Recycling Systems
Fluid Exchangers | Flushers | Fluid Exchange Accessories





Recovery and Recycling Systems

COOL-TECH 34288NI RECOVERY/RECYCLING SYSTEM

- **AUTOMATIC OIL DRAIN:** Automatically drains oil recovered during the recovery operation and puts the oil in a graduated container showing the user how much needs to be injected back into the system
- **AUTOMATIC AIR PURGE:** Eliminates damaging air without monitoring gauges or opening valves
- **PROGRAMMABLE VACUUM FUNCTION:** Defaults to 15 mins, programmable up to 99 mins. "Remaining time" is displayed
- **OPTIONAL REFRIGERANT & OIL DATABASE:** A/C system capacities for North American market vehicles (*Not included with the machine*)



361-34288

ASCOT NO.	MFG. NO.	DESCRIPTION	DIMENSIONS	SHIPPING WT.
361-34288	34288NI	Recovery/Recycling System	50" H x 34" W	225 Lbs.

COOL-TECH 34788NI RECOVERY/RECYCLING SYSTEM

- **Fully automatic operation**
- 98.5% recovery
- R134a
- **IMPROVED CHARGE PERFORMANCE:** Exceeds SAE requirements
- Graphical display
- **EXPANDABLE:** Capable of additional feature and function add-ons (printer, wireless, refrigerant ID)
- Automatic Internal tank fill



361-34788

ASCOT NO.	MFG. NO.	DESCRIPTION	SHIPPING WT.
361-34788	34788NI	Recovery/Recycling System	235 Lbs.
361-34789	34788NI-H	Hybrid Recovery/Recycling System	222 Lbs.

PREMIUM 34988NI A/C RECOVER, RECYCLE AND RECHARGE MACHINE

- **Fully automatic recovery, vacuum leak test and recharge - no monitoring required**
- Patented automatic refrigerant refill prevents machine from emptying supply tank
- Only machine with fully automatic oil injection
- Two oil inject bottles for different oils to work on more vehicles with less down time
- Large easy-to-read color display and printer standard
- UV dye injection capability for leak detection
- Automatic air purge eliminates system-damaging air



361-34988

ASCOT NO.	MFG. NO.	DESCRIPTION	SHIPPING WT.
361-34988	34988NI	Recovery/Recycling System	232 Lbs.

PREMIER R-1234YF RECOVER, RECYCLE AND RECHARGE MACHINE

- **98.5% recovery efficiency**
- Charge accuracy within +/- 1/2 oz.
- **FULLY AUTOMATIC OPERATION:** Program for service, walk away and return when complete
- Automatic internal tank refill. No stopping to fill the internal tank during service, or before service
- Automatic oil drain shows how much oil was removed from the system during service
- Integrated refrigerant identifier
- Programmable vacuum operation helps get to the necessary vacuum level in any condition quickly
- System leak test to identify gross leaks in a system
- 5 x 9 cm (4.3-in. diag) Color graphical display
- Exceeds SAE J2843 requirement for R-1234YF Recover, Recycle and Recharge equipment



361-11234

ASCOT NO.	MFG. NO.	DESCRIPTION	SHIPPING WT.
361-11234	AC1234-4	Premier R-1234yf Recover, Recycle and Recharge Machine	206 Lbs.



Driven by performance

➔ Refrigerant Handling Systems, Accessories

ARCTICPRO ACX1180 REFRIGERANT HANDLING SYSTEM

- **R134A:** Fully recover and recharge in any climatic condition
- **VACUUM LEAK TEST:** Monitors level after evacuation, informs of possible leak
- **AUTOMATIC AIR PURGE:** Eliminates contaminated air without monitoring gauges or opening valves
- **SHOCK-MOUNTED LOAD CELLS:** Ensures stable calibration and charge accuracy
- **AUTOMATIC OIL DRAIN:** Display reminds you to empty the graduated container and shows the amount of oil to replace
- **ERGONOMIC:** Designed with unobstructed accessibility for easy maintenance
- **OPTIONAL FEATURES:** *ON-BOARD INTEGRATED THERMAL PRINTER:* Print to USB (for standard paper) allows user to store "before and after" service information by vehicle and print information for the customer; *ECO LOCK QUICK COUPLERS:* Engineered to prevent gas dispersion into the environment; *DATABASE:* Reliable and high-quality vehicle database included for latest A/C service information; *INTEGRATED IDENTIFIER:* Refrigerant identifier to avoid costly cross contamination. Sample filter clearly visible for inspection.

- R134A
- AUTOMATIC OIL DRAIN
- AUTOMATIC AIR PURGE



361-01180

ASCOT NO.	MFG. NO.	DESCRIPTION
361-01180	ACX1180	High Performance R134a Air Conditioning Service System
361-01181	ACX1180H	R134a Air Conditioning Service System - Hybrid Certified
361-01182	ACX1180C	R134a Air Conditioning Service System - Commercial HD Version

RECYCLING FILTER-DRIERS

- Specially blended for maximum acid and moisture removal



364-34430

ASCOT NO.	MFG. NO.	DESCRIPTION
364-16912	16912	Refrigerant Identifier Filter for 34200 and Refrigerant Identifiers
364-17630	17630	Inlet Filter for 17625A
364-17663	17663	Inlet Filter for 34650, 17650A
364-17678	17678	XH-9 Filter Drier for 17800A, 17800-2K
364-34430	34430	Quick Change Filter for Older 17700A, 34450, 34700 Series
364-34724	34724	Spin-On Filter for 17700A, 1770-2K, 34134A, 34134-2K, 342000, 34234, 34234-2K, 34700, 34700-2K, 34800, 34800-2K, 34900, 34700Z Series

MAINTENANCE KITS

- Maintenance kit for recovery and recycling units ▪ **INCLUDES:** One quick change filter-drier to be used on both R-12 and R-134a station, and (1) 16 Oz. bottle of high vacuum pump oil



ASCOT NO.	MFG. NO.	DESCRIPTION
364-42140	42140	Maintenance Kit for 17700A, 17700-2K, 34200, 342342K, 34700, 34700-2K, 34800, 34800-2K, 34900
364-42310	42310	Maintenance Kit for early models using 34430 Filter/Drier (17700A, 34700)
364-82133	360-82133-00	Filter Kit for RHS980 Series A/C Refrigerant Handling Systems

FLUID EXCHANGE // REFRIGERANT HANDLING SYSTEMS

Refrigerant Management Systems

FX134A REFRIGERANT MANAGEMENT SYSTEM

- 7" Color touch screen control panel
- Patented motor-controlled ball valves
- Patented oil-less compressor
- 1-2-5 Warranty
- All new ergonomic design
- Displays maximum load up to 220 lbs. (up to 100 kg)
- Refrigerant Management System monitors filter life and refrigerant usage
- Certified to meet SAE J2788H for use in R134a systems

MOTOR-CONTROLLED BALL VALVES

OIL-LESS COMPRESSOR



ASCOT NO.	MFG. NO.	DESCRIPTION
361-00134	FX134A	FX134A Refrigerant Management System

FX1234 REFRIGERANT MANAGEMENT SYSTEM

- 7" Color touch screen control panel
- Patented motor-controlled ball valves
- Patented oil-less compressor
- 1-2-5 Warranty
- All new ergonomic design
- Displays maximum load up to 220 lbs. (up to 100 kg)
- Refrigerant Management System monitors filter life and refrigerant usage
- Certified to meet SAE J2843 for use in R1234yf systems



MOTOR-CONTROLLED BALL VALVES

OIL-LESS COMPRESSOR

ASCOT NO.	MFG. NO.	DESCRIPTION
361-01234	FX1234	FX1234 Refrigerant Management System

FX3030 REFRIGERANT MANAGEMENT SYSTEM

- 7" Color touch screen control panel
- Patented motor-controlled ball valves
- Patented oil-less compressor
- 1-2-5 Warranty
- All new ergonomic design
- Displays maximum load up to 220 lbs. (up to 100 kg)
- Refrigerant Management System monitors filter life and refrigerant usage
- Certified to meet SAE J3030 for use in R134a and R1234yf systems

MOTOR-CONTROLLED BALL VALVES

OIL-LESS COMPRESSOR



ASCOT NO.	MFG. NO.	DESCRIPTION
361-03030	FX3030	FX3030 Refrigerant Management System

MAHLE

Driven by performance

➔ Fluid Exchangers, Flush System, Coolant Exchange System

Fluid Exchangers & Flushers

FLUIDPRO™ ATX AUTOMATIC TRANSMISSION FLUID EXCHANGERS

- **ADAPTABLE:** 'Dipstick' or 'Cooler' mode selector, start engine indicator (ATX-3 only) ▪ **ELECTRONIC DIODE ILLUMINATED KEYPAD:** Fluid flow direction indicator verifies correct hook-up ▪ **TRANSMISSION DIAGNOSTIC PRESSURE GAUGE:** For a more effective exchange process ▪ **NEW AND USED FLUID SIGHT GLASSES:** Improve service accuracy ▪ **AUTOMATIC FLUID LEVEL ADJUSTMENT:** +/- 1/2 quarts ▪ **DIGITAL WEIGHT SCALE:** Technology for accurate fluid exchange
- **PATENTED BYPASS CIRCUIT:** Increased safety for vehicle protection ▪ **FAST:** Full exchange service times of 2 to 5 minutes and 8 to 14 minutes in 'Dipstick' mode



372-00103

ASCOT NO.	MFG. NO.	DESCRIPTION
372-00103	ATX-3+ Boost	Fully Automatic Transmission Fluid Exchanger w/ Dipstick Tube Exchange

FLUIDPRO PSX-3 POWER STEERING FLUID EXCHANGER

- **VERSATILE:** Multiple power steering fluid capability for increased compatibility
- **AUTOMATIC OPERATION:** Boosts technician efficiency
- **DUAL-PROCESS HOSES:** Provides visual insight to new versus used fluid
- **DUAL DIAPHRAGM-TYPE PUMPS:** Yields service times of 5-15 minutes
- **EFFECTIVE:** Equipped with 1 GAL new and 1 GAL used fluid tanks for complete servicing
- **COMPACT CART:** Designed to occupy less floor space
- **CONVENIENT:** Also available with ATX+Boost mount for providing automatic transmission fluid and power steering fluid exchange services at the same time



368-00202

ASCOT NO.	MFG. NO.	DESCRIPTION
368-00202	PSX-3	Power Steering Fluid Exchanger

FLUIDPRO BFX-3 BRAKE FLUSH SYSTEM

- **VERSATILE:** Compatible with both ABS & non-ABS brake systems for increased utility
- **PISTOL WAND:** Provides convenience and accurate fill
- **AUTOMATED PUSH/PULL PROCESS:** Allows technicians to multi-task
- **EASY:** Hook-up with three-step process for simple servicing
- **FAST:** Complete service in less than 10 minutes for improved customer satisfaction
- **PRESSURE GAUGE:** Assist in brake system diagnosis
- **LCD DISPLAY:** Indicates when new fluid cylinder is empty and used fluid tank is full
- **ADAPTABLE:** Universal adapters designed to fit many makes and models of vehicles, enhancing service offerings

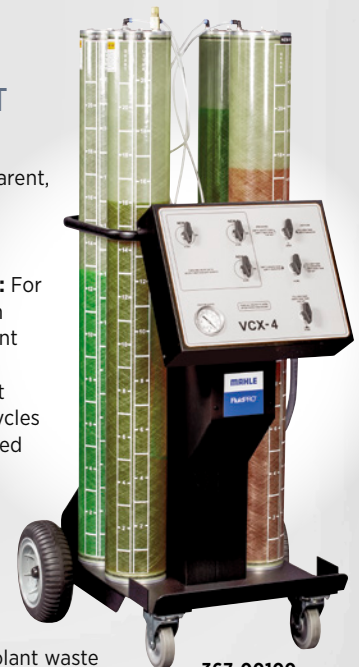


368-00201

ASCOT NO.	MFG. NO.	DESCRIPTION
368-00201	BFX-3	Brake Flush System

FLUIDPRO VCX-IV VACUUM COOLANT EXCHANGE SYSTEM

- **EFFECTIVE:** Four transparent, large capacity cylinders; three for new coolant and one for waste
- **COLOR-CODED FUNCTION VALVE:** For easy control and operation
- **ADAPTABLE:** Easy coolant selection/changeover for flexible adaptation of most vehicles
- **FAST:** Service cycles of 5-15 minutes for increased productivity
- **VACUUM GAUGE:** For complete exchange efficiency
- **PRESSURE RELIEF VALVE:** Located on waste fluid cylinder for increased safety
- **NO-LEAK END CAP DESIGN:** Reduces coolant waste
- **CONVENIENT:** Powered by shop air



367-00100

ASCOT NO.	MFG. NO.	DESCRIPTION
367-00100	VCX-IV	Vacuum Coolant Exchangers

FLUID EXCHANGE // REFRIGERANT HANDLING SYSTEMS

➔ Infrared Thermometer, DEF Drum Packages, Charging Scale, Identifier, Hose Kit

Accessories

INFRARED THERMOMETER PRO



▪ **SoC (System-on-a-Chip) Technology: Complete IR design incorporated on a single chip, creating compact and lightweight design** ▪ Innovative optical lens: High accuracy measurements over wide temperature ranges. 10:1 distance to spot (D:S) ratios available ▪ Laser pointer: Simply point at desired target and press the trigger for temperature reading ▪ High and low pass filters with audible alarms for out of range measurements ▪ Temperature modes: Maximum (MAX) ▪ Visual low battery indicators; requires two AAA batteries



369-07610

ASCOT NO.	MFG. NO.	DESCRIPTION
369-07610	TIF7610	Infrared Thermometer PRO



DEF DRUM PACKAGES

▪ **Heavy-duty cart easily holds and rolls up to 55 gallon drum** ▪ 110 VAC Stainless Steel Centrifugal pump ▪ Large semi-pneumatic tires: Allows for easy maneuvering of cart ▪ Large non-marking rear caster with built in break for safe and secure dispensing ▪ **INCLUDES:** 3' suction hose and 12' dispense hose ▪ Optional, battery powered electronic meter with display ▪ **Dispense nozzle options:** Stainless steel automatic shut-off nozzle; Manual nozzle, polyethylene



329-21250



329-21251

ASCOT NO.	MFG. NO.	DESCRIPTION
329-21250	1210-025P	Drum Package w/Side Mount, Centrifugal Pump, Metered Auto Nozzle
329-21251	1210-025	Tote Package w/Side Mount, Centrifugal Pump, Metered Nozzle

REFRIGERANT CHARGING SCALE

▪ **Touch Key controls**
 ▪ **THREE DISPLAY**
MODES: Lbs./Oz.; Decimal Lbs., Kilograms ▪ Very High Resolution: 0.1 Oz./0.005 Lbs./2 Grams
 ▪ Extreme Accuracy ▪ 110 Pound/50KG capacity
 ▪ Auto Zero ▪ Compact design, completely portable
 ▪ *Can be used with all refrigerants* ▪ Removable control box with prop stand/hanging hook ▪ *Compatible with TIF 9020 for automatic capability*



361-09010

ASCOT NO.	MFG. NO.	DESCRIPTION
361-09010	TIF 9010A	Refrigerant Charging Scale



REFRIGERANT IDENTIFIER PLUS

▪ **Displays the actual percent of R-12, R-134A, R-22 and air in the system or tank**
 ▪ Air purge ▪ Visual and audible hydrocarbon alarm
 ▪ On-board printer port



366-16910

ASCOT NO.	MFG. NO.	DESCRIPTION
366-16910	16910	Refrigerant Identifier Plus

R134A MANIFOLD HOSE KIT

▪ **R12/R134G gauges, PSI and °F Temp** ▪ 1/2" ACME bottom ports
 ▪ Rear R134A and 1/2" ACME fittings for holding hoses
 ▪ 90° manual couplers
 ▪ 72" R134A Hose Set (1/2" ACME x 14mm) ▪ Brass manifold with easy-to-grip handles



366-45111

ASCOT NO.	MFG. NO.	DESCRIPTION
366-45111	45111	134A Manifold Gauge Set with 72" Hose and Couplers

FLUID EXCHANGE // FLUID EXCHANGE ACCESSORIES