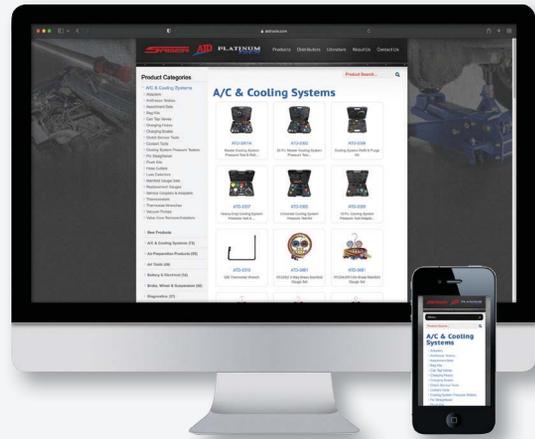




Since 1977, ATD Tools, Inc. has focused on providing professional automotive tools and equipment at competitive prices. After over forty years, we are still committed to providing the quality tools you need at a price you can afford.

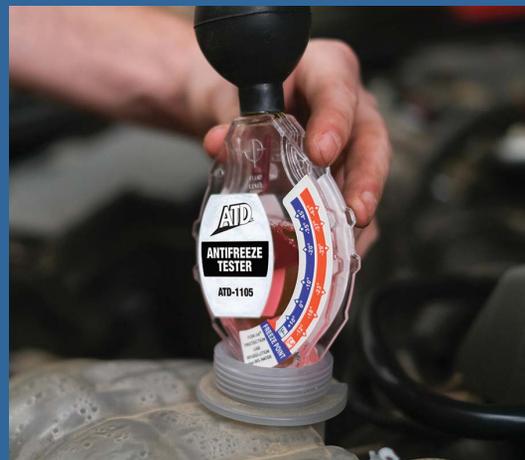
Our tools and equipment are quality control tested at the manufacturer, by independent labs and in the field to ensure they meet the performance and durability professional mechanics demand today and will continue to demand for years to come.

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Visit us online at www.atdtools.com to view the full line of products available.

A pdf version of this catalog along with other informational pdf files are available online under the "Literature" tab.



ATD-3310 GM THERMOSTAT WRENCH

The GM Thermostat Wrench is designed to work on GM 3.1 & 3.4 L V6 engines years 1994 to current. A common job on these motors is thermostat replacement. To do this you must remove the thermostat housing and in these applications the bottom housing bolt is almost inaccessible without removing other parts - until now. Our GM thermostat wrench with its unique shape and design will allow users to remove and install the housings in a fraction of the time it currently takes. The wrench is a 13mm, 12 point with special bends specifically for GM V6 thermostat housings.



ATD-3404 CONDENSER FIN STRAIGHTENER

Features:

- 6-in-1 tool clears and straightens condenser and evaporator coil fins
- Six sided head for 6, 8, 10, 12, 14 and 15 fins per inch applications.
- Small compact screwdriver type, easy to use in confined area
- Shipping Weight: 0.2 lbs.



ATD-3545 A/C SYSTEM FLUSH KIT

Features:

- Ideal for quickly and effectively removing old refrigerant oil and debris before compressor replacement or retrofitting system
- Designed to work with any light weight A/C flushing material
- Easy to use - just fill canister, pressurize and flush each component
- A must when replacing a failed A/C compressor to ensure all debris is cleared from system



ATD-3630 A/C CLUTCH HUB PULLER/ INSTALLER KIT

Features:

- Contains compressor clutch hub pullers and installers for GM, Ford, Chrysler and imports
- Compressor ID chart is included
- Shipping Weight: 5.2 lbs.



ATD-3637 ELECTRONIC CHARGING SCALE

Features:

- Electronic Charging scale with heavy duty load cell, 243 lbs. (110kgs) capacity.
- Resolution of 0.05 lb./0.4 oz. provides accurate refrigerant charging measurements.
- 9 x 9" (22 x 22cm) Platform
- The Zero/Tare function provides the user with precise charging capabilities.
- The scale also features a large easy to read LCD display, automatic shutoff after 15 minutes to conserve battery life and low battery warning.
- Light, compact and rugged plastic case for years of reliable service.



ATD-90 A/C BAG KIT

Kit Includes

ATD-22 - Large, 18 Pocket Utility Bag:

- 20-1/2" W x 9-1/2" D x 10" H

ATD-3410 - 4.2 CFM Air Operated Vacuum Pump:

- Requires 4.5 CFM/90 psi shop air
- No moving parts, no oil required
- 1.3 CFM air displacement venturi type pump will pull up to 29 inches of vacuum (Hg.) at sea level
- Includes 1/4" flare (R12) connection and 1/2" ACME (R134a) connection

ATD-3659 - R134a Self-Sealing Design Recharge Kit:

- Brass dispensing valve with 12" hose and R134a quick coupler
- Charge A/C systems using R134a self-sealing/reusable designed cans
- The 1990 amendments to the United States Clean Air Act mandate that all personnel who service refrigerant systems must be trained and certified. Fines are in place for violations and compliance is now being monitored by the US EPA.
- Make sure the hose has been purged or vacuumed before use.

ATD-356 - 270 PC. HNBR:

- R12/R134a O-ring Assortment

ATD-3406 - Pocket Analog Thermometer:

- Dial size: 1"
- Temperature scale: 0 to 220° F
- Includes pocket holder and clip

ATD-3693 - R134a Brass Manifold Gauge Set:

- R134a Gauges
- Snap Couplers
- (3) 60" Hoses
- Gauge Guards



ANTIFREEZE TESTERS • ASSORTMENT SETS • CAN TAP VALVES

ATD-1105 DELUXE ANTIFREEZE & COOLANT TESTER

Features:

- Easily checks condition of antifreeze and coolant
- Works for all ethylene glycol coolants, including GM Dex-Cool™
- Simple to use



ATD-1106 PROFESSIONAL ANTIFREEZE & COOLANT TESTER

Features:

- Easily checks condition of antifreeze and coolant
- Works for all ethylene glycol coolants, including GM Dex-Cool™
- Simple to use
- Tough, shatter-resistant clear housing



ATD-3880 R12/R134a VALVE CORE ASSORTMENT

Includes:

- 81290 - Universal valve core remover R12/R134a (1 ea.)
- 82379 - High side R134a cap (2 ea.)
- 82297 - Low side R134a cap (2 ea.)
- 90056-11 - 1/4" flare cap with tether (3 ea.)
- 0378-001 - GM large bore valve core R12/R134a (3 ea.)
- 0531-001 - JRA import high flow valve core (M6) R134a (5 ea.)
- 0769-001 - Eaton SSV high flow valve core (M10) R134a (3 ea.)
- 0377-001 - Standard valve core R12/R134a (20 ea.)
- 0768-001 - Eaton SSV high flow valve core (M8) R134a (3 ea.)



ATD-3900 50-PC. CHARGING ADAPTER REPAIR KIT

Features:

- 50 piece assortment of replacement gaskets, O-rings and depressors for charging hoses and adapters.

Includes:

- (10) 1/4" FL Gasket
- (5) 1/4" FL Depressor
- (5) Screw Type Depressor
- (5) Gasket for Shut-Off Valve Hose
- (10) Black Gasket for R134a Hose
- (5) O-Ring for R134a Hose
- (5) Black O-Ring for High Side Coupler
- (5) Black O-1/4" FRing for Low Side Coupler



ATD-3526 3-IN-1 SIDE MOUNT CAN TAP VALVE

Features:

- Side can tap makes servicing A/C Systems with 12 oz. R134a & 4 oz. oil charge cans quick and easy
- Slides over R134a cans for fast and easy charging
- Adapter for A/C oil charge cans included
- Easily connects to R134a manifold gauge sets
- Brass outlet port offers a 1/2" ACME & 1/4" fitting with an internal check valve to prevent system backflow



ATD-3658 R134a SELF-SEALING DESIGN CAN TAP VALVE

Features:

- R134a 1/2" ACME-M thread self-sealing design can tap valve
- Exclusive full-grip valve knob
- All metal construction provides durability
- Gasket assures leak proof operation
- Built-in safety check



ATD-3662 R1234yf PIERCING DESIGN CAN TAP VALVE

Features:

- 1/2" ACME-LH thread for use with R1234yf pierce designed cans
- Exclusive "full grip" valve knob
- All metal construction provides durability
- Gasket assures leak-proof operation
- Built-in safety check
- Works with SAE J2844 fittings



ATD-3663 R1234yf SELF-SEALING DESIGN CAN TAP VALVE

Features:

- 1/2" ACME-LH thread for use with R1234yf self-sealing/reusable designed cans
- All metal construction provides durability
- Gasket assures leak-proof operation
- Built-in safety check
- Works with SAE J2844 fittings





ATD-3659 R134a SELF-SEALING DESIGN RECHARGE KIT

Features:

- Brass dispensing valve with 12" hose and R134a quick coupler
- Charge A/C systems using R134a self-sealing/reusable designed cans
- The 1990 amendments to the United States Clean Air Act mandate that all personnel who service refrigerant systems must be trained and certified. Fines are in place for violations and compliance is now being monitored by the US EPA.
- Make sure hose has been purged or vacuumed before use



ATD-3664 R1234yf PIERCING DESIGN RECHARGE KIT

Features:

- Charge A/C systems using R1234yf pierce designed cans
- Brass dispensing valve with 18" hose and R1234yf quick coupler
- Before removing valve from can for disposal, make sure all refrigerant has been used
- The 1990 amendments to the United States Clean Air Act mandate that all personnel who service refrigerant systems must be trained and certified. Fines are in place for violations and compliance is now being monitored by the US EPA



ATD-3502 U-CHARGE KIT

Features:

- Brass dispensing valve with 10" hose and R134a quick coupler
- Charge A/C Systems using R134a cans with 1/2" ACME fitting



ATD-3665 R1234yf SELF-SEALING DESIGN RECHARGE KIT

Features:

- Charge A/C systems using R1234yf self-sealing/reuseable designed cans
- Brass dispensing valve with 18" hose and R1234yf quick coupler
- Before removing valve from can for disposal, make sure all refrigerant has been used.
- The 1990 amendments to the United States Clean Air Act mandate that all personnel who service refrigerant systems must be trained and certified. Fines are in place for violations and compliance is now being monitored by the US EPA

ATD-3673 3-PC. 60" R134a CHARGING HOSE SET

Features:

- Hoses with auto A/C fittings
- (1) each: red, blue, yellow hoses (yellow with auto shut-off valve)
- SAE J2196 Nylon barrier hose has an 800 psi working pressure and a 4,000 psi burst pressure
- Shipping Weight: 1.7 lbs.

Other Available Sizes:

- ATD-3678 - 3 Pc. 72" R134a Charging Hose Set (Weight: 2.0 lbs.)
- ATD-3679 - 3 Pc. 96" R134a Charging Hose Set (Weight: 2.8 lbs.)



A/C CHARGING HOSES

Features:

- R134a hoses with 1/2" ACME-F and 14mm-M auto A/C fittings

Available Sizes:

- ATD-36731 - A/C Charging Hose - 60" Blue
- ATD-36732 - A/C Charging Hose - 60" Red
- ATD-36733 - A/C Charging Hose - 60" Yellow
- ATD-36781 - A/C Charging Hose - 72" Blue
- ATD-36782 - A/C Charging Hose - 72" Red
- ATD-36783 - A/C Charging Hose - 72" Yellow
- ATD-36791 - A/C Charging Hose - 96" Blue
- ATD-36792 - A/C Charging Hose - 96" Red
- ATD-36793 - A/C Charging Hose - 96" Yellow



ATD-3705 COOLANT REFRACTOMETER

Features:

- High-quality refractometer offers a fast, easy way to test the freezing point of coolant/anti-freeze
- Works with Ethylene or Propylene Glycol anti-freeze
- Not for use with OAT coolants or DEF
- Also measures battery acid gravity to determine battery life
- Automatic temperature compensation
- Large, easy-to-read graphics and high-contrast lens
- Adjustable viewfinder; rugged, steel body construction
- Includes storage case, fluid dropper, cleaning cloth and mini screwdriver

Specifications Range:

- Ethylene Glycol: -84°F to 32°F
- Propylene Glycol: -60°F to 32°F
- Battery: 1.100-1.400 Specific Gravity

Accuracy:

- Ethylene Glycol: ± 5°F
- Propylene Glycol: ± 5°F
- Battery: ± 0.01 Specific Gravity



ATD-3325 DEF/COOLANT REFRACTOMETER

Features:

- 3-in-1 tool combines coolant, battery, and DEF scales all in one
- Focusing eyepiece for clear readings and comfort of use
- No power needed, uses ambient light to verify fluid condition
- Automatic temperature compensation
- Reads both Ethylene and Propylene Glycol based coolants

Other Available Sizes:

- Fluid dropper
- Screwdriver
- Cleaning cloth
- Blow-molded storage case



COOLING SYSTEM PRESSURE TESTERS

ATD-3300 UNIVERSAL COOLING SYSTEM PRESSURE TEST KIT

Features:

- Quickly reveals external cooling system leaks
- Detects internal engine leaks caused by blown head gaskets and/or cracked block or heads
- Fits most popular domestic, import cars and trucks

Kit Includes:

- Hand pressure pump with color coded 0-35 psi gauge and push-button pressure relief valve
- Temperature gauge
- (4) Chromed steel cap adapters
- (8) Anodized aluminum cap adapters
- Instructions
- Storage and carrying case



ATD-3301A MASTER COOLING SYSTEM PRESSURE TEST & REFILL KIT

Features:

- Quickly reveals external cooling system leaks
- Detects internal engine leaks caused by blown head gaskets and/or cracked block or heads
- Easily test entire cooling system including radiator, heater core and radiator cap
- Vacuum purge and refill kit to refill cooling system and eliminate air pockets

Kit Includes:

- Hand pressure pump with color-coded 0-35 psi gauge and push-button pressure relief valve
- Temperature gauge
- (3) Chromed steel radiator adapters
- (16) Anodized aluminum radiator adapters
- Universal radiator adapter



- (2) Radiator cap test adapters
- 3 Pc. Vacuum Purge and Refill Kit
- Storage and carrying case
- Instructions

ATD-3302 25-PC. MASTER COOLING SYSTEM PRESSURE TEST KIT

Features:

- Quickly reveals external cooling system leaks
- Detects internal engine leaks caused by blown head gaskets and/or cracked block or heads
- Easily test entire cooling system including radiator, heater core and radiator cap

Kit Includes:

- Hand pressure pump with color coded 0-35 psi gauge and push-button pressure relief valve
- Temperature gauge
- (3) Chromed steel radiator adapters
- (18) Anodized aluminum radiator adapters
- (2) Radiator cap test adapters
- Instructions
- Storage and carrying case



ATD-3305 10-PC. COOLING SYSTEM PRESSURE TEST ADAPTER UPDATE KIT

Features:

- 10 pc. adapter update kit to use with ATD-3300 test kit
- Detects internal engine leaks caused by blown head gaskets and/or cracked block or heads
- Easily test entire cooling system; including radiator, heater core and radiator cap
- Kit includes (8) radiator adapters and 2 radiator cap test adapters to fit the most popular domestic and import cars and light trucks

Kit Includes:

- (8) Anodized aluminum radiator adapters
- (2) Radiator cap test adapters
- Instructions
- Storage and carrying case



ATD-3306 COOLING SYSTEM REFILL & PURGE KIT

Features:

- Quickly purge and refill entire cooling system
- Eliminates need for bleeding and purging system to eliminate air pockets
- Universal adapter for use on most car and light truck radiators

Kit Includes:

- Vacuum purge and refill tool
- Universal radiator adapter
- Coolant hoses
- Instructions
- Storage and carrying case



ATD-3307 HEAVY-DUTY COOLING SYSTEM PRESSURE TEST & REFILL KIT

Features:

- Remove the complications that often result from unreliable rubber plugs or bladders with our heavy-duty cooling system pressure test and refill kit
- Uses shop air to hold continuous pressure in the cooling system during testing and refill
- (5) Quick disconnect vacuum attachments provide quick refilling of the cooling system and eliminate air pockets

Kit Includes:

- Heavy-duty vehicle adapters
- Pressure test regulator
- Vacuum refill attachment with tubing
- Instructions
- Storage and carrying case



ATD-3308 UNIVERSAL 90° ADAPTER FITTING

Features:

- For use with all ATD coolant pressure test kits
- Great for limited access to overflow tank



ATD-906 HOSE CUTTER

Features:

- Makes quick clean cuts
- Cuts hoses up to 1-1/2" OD
- Replacement blade - MST-80113



ATD-909 HEAVY-DUTY RATCHET HOSE CUTTER

Features:

- Ratcheting action makes this cutter extremely easy to operate resulting in quick, clean cuts
- Cutting blade is made of special alloy heat-treated steel for long life
- Cuts all rubber hoses and PVC pipe up to 1-1/2" OD (not recommended for PVC200)
- Replacement Blades - MST80111



ATD-5380 RADIATOR HOSE PINCH-OFF PLIERS

Features:

- Eliminates necessity of draining cooling system when installing thermostats and water pumps on all pressurized cooling systems
- Works on heater and radiator hoses
- Jaws swivel for parallel clamping and positive shutoff
- Automatic locking ratchet
- Can be used to pinch off some emission system hoses
- Do not use on wire reinforced hoses
- Total Length: 9.5"
- Length of Jaws: 2.5"



ATD-5465 3-PC. HOSE PINCH OFF PLIERS SET

Features:

- Contains: 8", 10" and 12" Hose Pinch Off Pliers
- Shuts-off flow through vacuum lines, fuel lines, coolant lines, etc.
- Ratchet mechanism holds pivoting jaws tightly in place
- Heavy-duty swivel jaws pivot to assure parallel pinching
- Max Openings:
 - 8" - 1" Max Opening
 - 10" - 1" Max Opening
 - 12" - 1-3/8" Max Opening

ATD-3685 MACH IV - QUAD UV FLEX LIGHT

Features:

- (4) Ultraviolet LEDs illuminate a brilliant fluorescent glow
- Flexible probe gets into tight areas
- E-Z access ON/OFF button
- Rugged ergonomic grip
- Includes UV enhancing safety glasses



ATD-3697 ELECTRONIC A/C LEAK DETECTOR

Features:

- (3) levels of sensitivity
- (5) levels of detection
- Visual leak level indicator
- Detects leaks as small as 1/10 oz. (3gr) per year
- Detects all refrigerants (CFCs, HCFCs, HFCs)
- Meets SAE J1627 and CE conformity
- Custom molded carrying case

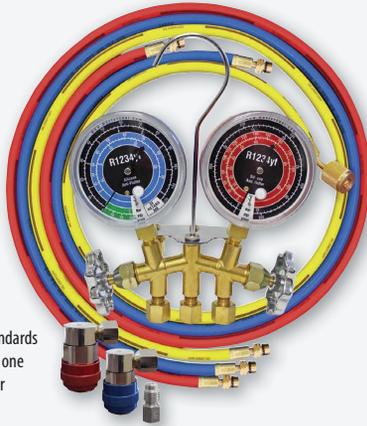


MANIFOLD GAUGE SETS

ATD-3661 R1234yf 2-WAY BRASS MANIFOLD GAUGE SET

Features:

- Easy to recalibrate anti-flutter R1234yf gauges smooth out needle movement
- Manifold block assembled with (3) 12mm (F) fittings per SAE J2888
- 60" red and blue nylon barrier hoses with 12mm (M) fittings on both sides meets SAE J2888, EPA, SAE and UL standards
- 60" yellow hose with 12mm fitting on one side and 1/2"-16 LH ACME on the other meets SAE J2888
- R1234yf standard couplers



ATD-3681 R1234yf/R134a BRASS MANIFOLD GAUGE SET

Features:

- 2-1/2" silicone dampened gauges can be recalibrated
- Extra access port for vacuum line
- R1234yf high and low side quick couplers
- R134a high and low side economy couplers
- 1/2" (M) x 1/2" (F) LH thread adapter
- (2) 12mm (M) x 14mm (F) R1234yf adapters
- (3) 60" standard hoses



ATD-3693 R134a ECONOMY MANIFOLD GAUGE SET

Set Includes:

- (3) 60" R134a hoses
- Snap couplers
- Gauge guards



ATD-3694 R12/R134a DELUXE DUAL BRASS A/C MANIFOLD GAUGE SET

Set Includes:

- (3) 60" R134a hoses
- 1/4" SAE Male Flare x 1/2" ACME Female adapter
- Manual couplers
- Gauge guards



ATD-3695 R12/R134a DELUXE DUAL ALUMINUM A/C MANIFOLD GAUGE SET

Set Includes:

- Solid extruded aluminum body
- (3) 60" R134a hoses
- 1/4" SAE M x 1/2" ACME F adapter
- Manual couplers
- Gauge guards



ATD-3696 R12/R134a DELUXE DUAL ALUMINUM A/C MANIFOLD GAUGE SET

Set Includes:

- Solid extruded aluminum body
- R12/R134a gauges
- (3) 96" hoses
- 1/4" SAE-M x 1/2" ACME-F adapter
- Manual couplers
- Gauge guards
- Molded storage case



REPLACEMENT GAUGES • SERVICE COUPLERS & ADAPTERS

ATD-3666 HIGH SIDE REPLACEMENT GAUGE

- Features:
- High side replacement gauge for R12 / R134a
 - Designed with the ANTI-FLUTTER feature that reduces needle fluctuation and increases reading accuracy



ATD-3667 LOW SIDE REPLACEMENT GAUGE

- Features:
- Low side replacement gauge for R12 / R134a
 - Designed with the ANTI-FLUTTER feature that reduces needle fluctuation and increases reading accuracy



ATD-3525 R134a/R12 COUPLER CONVERSION SET

- Features:
- Converts R12 gauges to R134a
 - Contains R134a 90° quick couplers and 1/2" ACME F x 1/4" MFL adapter for R134a refrigerant tank



ATD-3633 1/2" ACME-M X 1/2" ACME-F LH THREAD ADAPTER

- Features:
- 1/2" ACME Male right-hand thread x 1/2" ACME female left-hand thread
 - Converts R134a fitting to use with R1234yf gas manifold applications
 - Aluminum Construction



ATD-3652 LOW SIDE MANUAL COUPLER

- Features:
- Low side manual coupler for R134a
 - 14mm-F x 13mm quick coupler



ATD-3656 LOW SIDE 1/4" MANUAL COUPLER

- Features:
- Low side 1/4" x 13mm manual coupler



ATD-3657 HIGH SIDE 1/4" MANUAL COUPLER

- Features:
- High side 1/4" x 16mm manual coupler



ATD-3653 HIGH SIDE MANUAL COUPLER

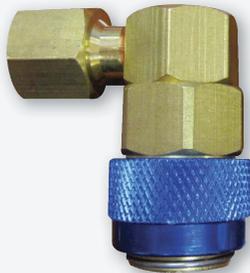
- Features:
- High side manual coupler for R134a
 - 14mm-F x 16mm quick coupler

SERVICE COUPLERS & ADAPTERS • THERMOMETERS

ATD-3654 LOW SIDE 14MM-F X 13MM CONNECTION

Features:

- Specially designed to work in the tightest quarters
- All metal construction for extra durability
- Snaps easily into A/C service ports



ATD-3655 R134a HIGH SIDE 14MM-F X 16MM CONNECTION

Features:

- Specially designed to work in the tightest quarters
- All metal construction for extra durability
- Snaps easily into A/C service ports



ATD-3668 ECONOMY R134a/R1234yf CONVERSION KIT

Features:

- High Side R1234yf 12mm-F x 17mm quick coupler
- Low Side R1234yf 12mm-F x 14mm quick coupler
- 1/2" ACME-M x 1/2" ACME-F LH thread adapter
- (2) 12mm-M x 14mm-F R1234yf adapters



ATD-3406 ANALOG POCKET THERMOMETER

Features:

- Dial size: 1"
- Temperature scale: 0 to 220°F
- Includes pocket holder and clip

ATD-70000 8:1 INFRARED THERMOMETER

Specifications:

- Measurement Range: -31 to 689°F (-35 to 365°C)
- Operating Range: 0 to 50°C (32 to 122°F)
- Emissivity: 0.95 fixed
- Resolution (9.9 to 199.9°C): 0.5°F/0.2°C
- Response Time (90%): 1 sec
- Distance to Spot: 8:1
- Battery Life: Typ. 18, min 14 hours continuous use

NOT TO BE USED FOR MEDICAL PURPOSES



ATD-3407 ANALOG POCKET THERMOMETER

Features:

- Dial size: 1-3/4"
- Temperature scale: 0 to 220°F



ATD-70001 12:1 INFRARED THERMOMETER

Specifications:

- Measurement Range: -60 to 550°C (-76 to 1022°F)
- Operating Range: 0 to 50°C (32 to 122°F)
- Emissivity: 0.95 default - adjustable 0.1 to 1 step .01
- Resolution (-9.9 to 199.9°C): 0.1°C/0.1°F, otherwise 1°C/1°F
- Response Time (90%): 1 sec
- Distance to Spot: 12:1
- Battery Life: Typ. 18, min 14 hours continuous use
- Dimensions: 112.58 x 147.93 x 41.36mm (4.43 x 5.82 x 1.63")
- Weight: 145 grams (5.1 oz) including batteries (AAA*2pcs)

NOT TO BE USED FOR MEDICAL PURPOSES



ATD-3412 DIGITAL POCKET THERMOMETER

Features:

- Display in °C or °F
- Auto Off after 10 minutes
- Probe cover with pocket clip

Specifications:

- Range: -58 to 302°F
- Accuracy: +/-1°C
- Resolution: 0.1°C
- Replacement Battery: AG5 or equivalent





ATD-3410 4.2 CFM AIR OPERATED VACUUM PUMP

For R134a and R12 automotive use, includes fittings:

- High impact nylon case
- Operates on Shop Air: 75 psi minimum / 180 psi maximum
- Air Consumption: 4.2 CFM @ 90 psi
- Vacuum Capacity: 28.3" of Mercury at sea level @ 90 psi
- Includes 1/4" flare (R12) connection and 1/2" ACME (R134a) connection.
- Shipping Weight: 1.2 lbs.

ATD-3451 1.8 CFM VACUUM PUMP

Features:

- High efficiency single stage pump
- 1/4" SAE and 1/2" ACME port access
- Large fan keeps vacuum pump cooler and extends life
- Easy access oil fill port
- Exhaust at oil fill location

Specifications:

- Free Air Displacement: 1.8 CFM
- Voltage: 110-120V, 60 Hz
- Ultimate Vacuum: 80 Microns
- Power: 1/4 Hp



ATD-3638 UNIVERSAL LARGE BORE A/C VALVE CORE REMOVER/INSTALLER

Used on R12/R134a standard and JRA/EATON large bore R134a valve cores

ATD-3453 3 CFM VACUUM PUMP

Features:

- High efficiency single stage pump
- 1/4" SAE and 1/2" ACME port access
- Large fan keeps vacuum pump cooler and extends life
- Easy access oil fill port
- Exhaust at oil fill location

Specifications:

- Free Air Displacement: 3 CFM
- Voltage: 110-120V, 60 Hz
- Ultimate Vacuum: 80 Microns
- Power: 1/4 Hp



ATD-3639 NO GAS LOSS R134a A/C VALVE CORE REMOVER/INSTALLER

Features:

- For 13mm and 16mm high and low service port standard type valve
- Built-in ball valve retains charge and allows access to A/C system
- Excellent for replacing valve cores without discharging the system and for speeding recovery and recharging large systems



ATD-3456 5 CFM VACUUM PUMP

Features:

- High efficiency single stage pump
- 1/4" SAE and 1/2" ACME port access
- Large fan keeps vacuum pump cooler and extends life
- Easy access oil fill port
- Exhaust at oil fill location

Specifications:

- Free Air Displacement: 5 CFM
- Voltage: 110-120V, 60 Hz
- Ultimate Vacuum: 80 Microns
- Power: 1/4 Hp





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