Fieldpiece Instruments was incorporated June 1990 in the United States to develop tools specifically for HVAC professionals.

Fieldpiece focuses on making the job easier, faster and better for HVAC professionals. Our network of tools is designed to measure just about anything a technician would need to diagnose and repair HVAC systems.

Today, Fieldpiece is the HVACR industry’s leading innovator of instruments in these product categories:

- Recovery
- A/C Analysis
- Multimeters
- Charging
- Leak Detection
- Temp & %RH
- Air Flow
- Combustion
- Pocket Tools
- Tool Bags

HVACR professionals trust Fieldpiece to have the right tools to help them do more. Every day.
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New Products
**SMAN™ Refrigerant Manifolds with Micron Gauge**

**SM480V, SM380V**

Knowledge, power and experience are packed into the newly designed SMAN™ Refrigerant Manifolds. Years of feedback from A/C and refrigeration specialists is combined with Fieldpiece’s laser focus on continuous improvement to bring you the toughest, most advanced digital refrigerant manifold on the market.

**Simply Strong**
- Beefy hook
- Water resistant (IP54)
- Impact resistant case
- 3 Protected thermocouple jacks
- Built-in micron gauge
- 3/8” VAC port (SM480V only)

**Packed with Knowledge**

The SM380V and SM480V are designed to work the way you do with advanced features to streamline your job and provide your customers with the answers they need.

**Data Logging**
- Stores up to 9 jobs internally
- Easy download via USB port
- Displays % free storage space before logging begins
- Logs up to 7 days (168 continuous hours)

**Tightness Test**
- Check for leaks after repairs or installations
- View pressure differential over time
- Timer tracks duration of test
- Temperature compensated with SL temp to avoid false positives

**Customizable**
- Adjust auto power off duration
- Adjust back light duration
- Set high and low vacuum alarms
- Automatically favorite your last 10 refrigerants

**Wireless Integration with Job Link® System Tools**
- Live pipe and air temps with Job Link probes
- Monitor refrigerant weight directly on manifolds using SRS3 scale
- View measurements on SMAN and/or in Job Link App
- Direct 350’ wireless range (no transmitter needed)

**Included**
- SM380V or SM480V SMAN Refrigerant Manifold
- (2) TC24 Type K pipe clamp thermocouples
- (1) ATA1 Type K bead thermocouple w/Clip
- (1) ANC11 Padded drawstring case
Vacuum Pumps

**VP85 / VP55**

**Vacuum Pumps with RunQuick™ Oil Change System**

Fieldpiece is leading the charge in properly performing system evacuation with its new vacuum pumps with RunQuick™ Oil Change System. Available in an 8 CFM DC motor (model VP85), or in a 5 CFM AC motor (model VP55), these revolutionary pumps make evacuation easier and faster.

Good oil is a key ingredient of every evacuation. Clearly view your pump oil through the huge oil reservoir window to see the condition of the oil, and the system. When it’s time to change the oil, it’s quick, clean, and easy. With the RunQuick oil change system you can replace the oil in under 20 seconds, even while the pump is running without losing vacuum.

Plus the extra wide base helps prevent tipping and spilling oil. Four in-line ports give you tidy hose routing for three different size hoses. Place the cord on the handle for tangle-free storage.

**Leading the Charge**

- On-the-fly oil change in seconds
- In-line four port manifold for easy access
- Backlit oil reservoir to view condition of oil and system
- Anti oil-suck-back keeps oil out of gauges and system
- Simple-to-use gas ballast with LED indicator
- Water resistant to withstand direct rain
- 15 micron ultimate vacuum
- Sturdy base to stay upright

**Specifications**

- **Flow Rate**: 8CFM (VP85), 5CFM (VP55)
- **Oil Capacity**: 8oz (237mL)
- **Oil Compatibility**: Fieldpiece Vacuum Pump Oil (Highly refined and optimized for proper sealing and lubrication)
- **Oil Backlight**: Blue LED
- **Oil Drain**: Ball valve
- **Port Sizes**: (1) 1/4", (2) 3/8", (1) 1/2"
- **Compressor**: Rotary vane, two stage
- **Motor**: 3/4 HP Brushless DC (VP85), 1/3 HP AC (VP55)
- **RPM**: 2500 (VP85), 3440 (VP55)
- **Power Source**: 95 to 130 VAC @ 60 Hz (VP85)
  108 to 130 VAC @ 60 Hz (VP55)
- **Nominal Current Draw**: 9.0 AAC (VP85), 8.0 AAC (VP55)
- **Ultimate Vacuum at Input Ports**: 15 microns
- **Dimensions**: 9.25" x 12.4" x 17.7" (235 mm x 315 mm x 450 mm)
- **Weight**: 28 lbs without oil (VP85), 30 lbs without oil (VP55)
- **Operating Environment**: 30°F to 122°F (-1.1°C to 50°C)
- **Patent**: Patents Pending

**Fieldpiece Vacuum Pump Oil**

OIL128, OIL32, OIL8X3

Optimized for top performance

Gallon P/N#OIL128, 1 Quart P/N# OIL32, 8oz 3pack P/N# OIL8X3

- Low vapor pressure
- Wide temperature range
- Wide mouth bottles
Digital Recovery Machine

MR45

Smart, 1HP Variable Speed DC Motor
The variable smart speed DC motor is quieter, faster, smoother, and lighter for increased performance and comfort. Liquid slugging is minimized and vapor recovery is maximized. The advanced motor control also adjusts to match incoming voltage so that your machine works with longer extension cords or when the power grid is over capacity on hot days. Do more with MR45.

Lightweight (22 lbs)
- DC motor is small and light
- Carry it comfortably

Smother and Faster
- Smooth liquid recovery
- Variable smart speed motor maximizes performance
- Rubber feet and motor mounts reduce noise and vibrations
- 1 horsepower motor supplies speed and power
- Cools faster, especially on hot days

Reliable
- Active electronic monitoring protection system
- Rubberized housing protects components
- Ceramic cylinders resist abrasion
- Rail slides protect the machine and building
- Long lasting piston seals
- Protected electronics for rainy days
- Operating voltage between 95 and 130VAC

Easy Access Ports
- Ports face out for easy access and direct flow
- Ports elevated from ground
- Rubber bumpers protect ports
- Mesh screen fitting stays in place when removing hoses
- Large rubberized dual-port routing knob

Digital Display
- Easily read the large digits
- Status messages clarify operation
- Blue backlight helps in darker situations
- Withstands long days in the sun and rain

And More
- Power cord stores on the handle
- Room to hook the handle for hoisting to the roof
- Self purge protects MR45 and our environment
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- Live pipe and air temps with Job Link probes
- Monitor refrigerant weight directly on manifolds using SRS3 scale
- View measurements on SMAN and/or in Job Link App
- Direct 350’ wireless range (no transmitter needed)

Included
SM380V or SM480V SMAN Refrigerant Manifold
- (2) TC24 Type K pipe clamp thermocouples
- (1) ATA1 Type K bead thermocouple w/clip
- (1) ANC11 Padded drawstring case

fieldpiece.com
Streamline and simplify your call even further with the Job Link System App. See your measurements up to 350’ away on your mobile device. Document your work and provide professional reports, including refrigerant weight usage, by simply connecting to the Job Link System app. Shown to increase profits and reduce call-backs.

- View measurements on SMAN and/or in Job Link App
- Monitor and record refrigerant weight directly on SMAN using SRS3 scale
- Direct 350’ wireless range (no transmitter needed)
Job Link® System Probes

Easy, long range, powerful
Take a full system snapshot quickly and easily with Job Link Probes. Each tool is designed for agility and speed. The pressure probe fits into tight spaces. The pipe clamp uses a new rapid rail thermocouple design delivering accuracy, speed, and agility, even on the most awkward pipe configurations. The psychrometer’s flexible narrow probe and configurable magnet make it easy to measure supply plenums, ducts, or elevated registers. All probes are expandable for multi-circuit systems. Do more with Job Link!

- 350’ Range
- iOS® and Android™
- Water resistant
- Email reports
- Instant and accurate pipe temps
- High/Low side switch and indicator
- Connect directly to mobile device
- Quick-access protective case

Job Link® System Mobile App
Access a variety of Fieldpiece tools through the most advanced wireless system on the market today. Visit fieldpiecejoblink.com to sign up today!

Job Link
Quickly and easily diagnose the system correctly the first time to prevent call backs.
- Live measurements
- Advanced calculations
- System diagnostics
- Free PDF reports

Job Link Pro
$12/mo
Everything in Job Link plus:
- Cloud storage
- Inspection checklists
- Photos and notes
- Customer and equipment history
- Build teams
- Live Look-in

Job Link Pro + Invoicing
$29/mo
Everything in Job Link and Job Link Pro plus:
- Professional invoicing
- Customizable parts and equipment
- Customizable hourly rates
- QuickBooks online integration
Charging
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**VP85 / VP55**

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- Wide temperature range
- Wide mouth bottles

fieldpiece.com
Digital Recovery Machine

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**Lightweight (22 lbs)**
- DC motor is small and light
- Carry it comfortably

**Smoother and Faster**
- Smooth liquid recovery
- Variable smart speed motor maximizes performance
- Rubber feet and motor mounts reduce noise and vibrations
- 1 horsepower motor supplies speed and power
- Micro channel condenser cools faster, especially on hot days

**Reliable**
- Active electronic monitoring protection system
- Rubberized housing protects components
- Ceramic cylinders resist abrasion
- Rail slides protect the machine and building
- Long lasting piston seals
- Protected electronics for rainy days
- Operating voltage between 95 and 130VAC

**IN/OUT Port Upgrades**
- Ports face out for easy access and direct flow
- Ports elevated from ground
- Rubber bumpers protect ports
- Mesh screen fitting stays in place when removing hoses
- Large rubberized dual-port routing knob

**Digital Display**
- Easily read the large digits
- Status messages clarify operation
- Blue backlight helps in darker situations
- Withstands long days in the sun and rain

**And More**
- Power cord stores on the handle
- Room to hook the handle for hoisting to the roof
- Self purge protects MR45 and our environment
**Residential & Light Commercial Refrigerant Scale**

**SRS1**

**Lightweight Refrigerant Scale**

The SRS1 refrigerant scale is big enough to comfortably fit a canister, but compact and light weight enough to carry easily. It has the ruggedness needed for HVACR, with thick aluminum walls to maintain accuracy, and rubber feet and rubber pad to soften the impact of daily use.

- Charge/Recover weight alarms
- Light weight and easy to carry
- Max weight 110 lbs (50 kgs)
- 0.25 oz (0.01 kg) resolution
- Non-slip cushioned design
- Full numeric keypad for fast operation
- Strong magnetic back on handle

![Aluminum Platform & Case](image)

**Wireless Refrigerant Scale**

**SRS3**

**Heavy Duty with Premium Performance**

Not only is the wireless scale easy to use, it’s so accurate it can sense weight as low as 0.25 oz. The remote display has a backlight and a strong magnetic hanger. The platform is made of solid aluminum with rubber corners to protect against the hazards of daily use.

- View and record refrigerant usage directly on new SMANs (models SM380V and SM480V)
- Connect to the Job Link® System mobile app
- Solid aluminum construction
- Rubber grip pad to hold refrigerant tanks
- Hands-free testing with magnetic hat
- Flat top bumpers for large tanks
- Water resistant IP55
- Measure up to 252 lb (114 kg)
- 200 hour platform battery life

**Included:**

- Refrigerant platform
- Wireless remote display
- Nylon case with strap – ANC9

![Remote stores safely in platform](image)
**Digital Micron Vacuum Gauge**

**SVG3**

Easy to use and built tough to handle day-to-day use in the field.

- Rate indicator
- Schrader depressor
- 1 Micron resolution
- 0 – 9999 Micron range
- Alarms and stopwatch

---

**Digital Vacuum Micron Gauge**

**AVG2 - Accessory Head**

Displays vacuum pressure with resolution of 1 micron.

- Range: 50 to 2000 microns
- Resolution: 1 micron
- Accuracy (@~75°F): ±10%, 0-1000 microns
- Fitting: 1/4" flared brass fitting (male)
- “T” included for vacuum testing
- LEDs indicate increasing, decreasing, and stable vacuum

---

**Superheat and Subcooling**

**SSX34**

Measures suction or liquid line pressure and temperature. Automatically calculates and displays real-time superheat or subcooling.

- Charge to superheat and subcooling
- Push button atmospheric pressure calibration
- R-134A, R-404A, R-410A, R-22
- Hands free operation with magnetic hanger
- Displays in °F and °C

**Included:**

- Thermocouple pipe clamp - TC24

---

**Superheat and Subcooling**

**ASX14 - Accessory Head**

Measures suction line or liquid line pressure and line temperature to calculate and display superheat and subcooling for A/C.

- R-22 or R-410A
- Displays in °F or °C
- Displays pressure in PSI or kPa
- LED indicates stable reading
- Push-button atmospheric pressure calibration

**Included:**

- Thermocouple pipe clamp - TC24

---

**Charging Jacket for TXV Systems**

**S365**

Charge A/C systems year round.

- Charge TXV systems when outdoor temperature is 37°F to 70°F
- Pressures stabilize quickly during setup
- Service maintenance contracts before and after the summer heat
**Loaded Clamp Meters**

**SC620, SC640, SC660**

**Top-of-the-Line Meters Have it All**

Packed with more features and measurements than any clamp meter in the HVACR industry, the loaded SC600 series features lead storage, a swivel head, test lead holder for safer testing, and a heavy duty magnetic strap.

- Top-of-the-line meter
- Swivel-head clamp
- Magnetic strap
- Lead storage
- Dual display
- Clamp test-lead holder
- Frequency via leads & clamps
- Dial backlight (SC640 & 660)
- Jaw flashlight (SC640 & 660)
- LCD backlight (SC640 & 660)
- Phase rotation (SC660)
- Dual temperature delta T (SC660)
- Job Link compatible (SC660)

### Included

- Wrap tab type K thermocouple - ATB1
- Deluxe silicone lead set with gold plated tips and removable sheath - ADLS2
- Short alligator lead extensions - ASA2
- Padded case - ANC7
- 9V battery
- Velcro strap

### SC600 Series Function Table

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<th>SC640</th>
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<td>Compliance with UL 3rd Edition</td>
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Essential Clamp Meters
SC420, SC440, SC460
Feature Rich for HVACR Pros
The mid-sized SC400 meters are essential for all types of electrical HVACR testing. The dual display makes it easy to view both voltage and amperage readings at the same time. The non-contact voltage indicator and the probe holder make electrical testing safer.

- Packed meter, affordable price
- Dual display
- Clamp test-lead holder
- True RMS (SC440 & 460)
- Inrush (SC440 & 460)
- Magnetic strap (SC440 & 460)
- Phase rotation (SC460)
- Wireless measurements
- Job Link compatible (SC460)

Included
- Wrap tab type K thermocouple - ATB1
- Deluxe silicone lead set with gold plated tips and removable sheath - ADLS2
- Short alligator
- Lead extensions - (SC440)
- Padded case - ANCI2
- 9V battery
- Velcro strap

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<td>Battery: 9V, 200 hrs</td>
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<td>●</td>
<td></td>
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<tr>
<td>Compliance with UL 3rd Edition</td>
<td>●</td>
<td>●</td>
<td>●</td>
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</table>

Included:
- Wrap tab type K thermocouple - ATB1
- Deluxe silicone lead set with gold plated tips and removable sheath - ADLS2
- Short alligator
- Lead extensions - (SC440)
- Padded case - ANCI2
- 9V battery
- Velcro strap

Included:
- Wrap tab type K thermocouple - ATB1
- Deluxe silicone lead set with gold plated tips and removable sheath - ADLS2
- Short alligator
- Lead extensions - (SC440)
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Included:
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- Lead extensions - (SC440)
- Padded case - ANCI2
- 9V battery
- Velcro strap
**Compact Clamp Meters**

**SC220, SC240, SC260**

**Ultimate in Convenience and Affordability**

The SC200 Compact Clamp Meters combine a lot of big meter functions into a compact, easy-to-use design, and are great for testing HVACR electrical measurements.

The SC200s help you save time with the new Auto Select mode. Simply set the dial and connect your leads, the clamp meter will automatically select the appropriate measurement depending on what it detects.

The high temperature resistance allows you to move from a cold freezer to a hot rooftop and get accurate temperature measurements that lesser thermometers cannot measure properly.

- Volts AC/DC
- 400 Amps AC
- Microamps DC (SC220)
- Temperature F°/C° (SC240/SC260)
- Capacitance (SC240/SC260)
- Non-contact voltage
- 40 Mega Ohm with 0.01 resolution
- Continuity
- Diode test
- Max/Min/Hold
- LCD backlight (SC260)
- True RMS (SC260)
- Low battery indicator
- Sturdy magnet (SC260)

**Included**

- Wrap tab type K thermocouple - ATB1 (SC240, SC260)
- Deluxe silicone lead set with gold plated tips and removable sheath - ADLS2
- Padded case - ANC4
- 9V battery
- Velcro strap (SC240, SC260)

<table>
<thead>
<tr>
<th>SC220</th>
<th>SC240</th>
<th>SC260</th>
<th>Function</th>
</tr>
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<tr>
<td></td>
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<td>Volts AC/DC</td>
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<td>True RMS</td>
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<td></td>
<td></td>
<td>400 Amps AC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Magnetic Hanger</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Temperature °F/°C</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Capacitance</td>
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<td></td>
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<td></td>
<td>Microamps DC</td>
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<td>Non Contact Voltage</td>
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<td>40 Mega Ohm with 0.1 Resolution</td>
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<td></td>
<td>Continuity</td>
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<td>Diode Test</td>
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<td></td>
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<td></td>
<td>Max/Min</td>
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<tr>
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<td>LCD Backlight</td>
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<td></td>
<td>Low Battery Indicator</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Battery: 9V, 150 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Battery: 9V, 200 hrs</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Compliance with UL 3rd Edition</td>
</tr>
</tbody>
</table>
**Expandable Stick Meters**

**HS33, HS35, HS36**  
**The Perfect Fit for Most HVACR Jobs**

The HS30 Series meters are some of the most versatile HVACR meters around. Already packed with the measurements HVACR pros need, they also connect directly into Fieldpiece Accessory Heads, so techs don’t need extra meters for additional measurements.

- Ruggedized rubber corners
- Magnetic strap for hands-free testing
- High voltage indicators
- Lead storage
- Non-contact voltage
- Capacitance
- MIN/MAX and Hold buttons to record measurements
- Low ohms for motor windings
- Fast, accurate temps

**Included**

- 400A AC amp clamp accessory — ACH4
- Type K thermocouple — ATB1
- Deluxe silicone test leads — ADLS2
- Alligator clip lead extensions — ASA2
- 4-Pocket meter case — ANC1
- Velcro strap

---

<table>
<thead>
<tr>
<th>HS33</th>
<th>HS35</th>
<th>HS36</th>
<th>Function</th>
<th>Range</th>
<th>Resolution</th>
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<td>Auto</td>
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<td>2000</td>
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<td>True RMS</td>
<td>AC Conversion</td>
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<td>Bar Graph</td>
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<td>•</td>
<td>Backlight</td>
<td>•</td>
<td>200m</td>
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<tr>
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<td>•</td>
<td>•</td>
<td>Backlight</td>
<td>•</td>
<td>200m</td>
</tr>
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<td>VAC</td>
<td>•</td>
<td>•</td>
<td>VDC</td>
<td>200m</td>
<td>0.5% + 2/0.1m</td>
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<tr>
<td>VDC</td>
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<td>•</td>
<td>VDC</td>
<td>200m</td>
<td>0.5% + 2/0.1m</td>
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<tr>
<td>AAC</td>
<td>20</td>
<td>20</td>
<td>AAC</td>
<td>20</td>
<td>2.7% + 7/0.1</td>
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<tr>
<td>°F</td>
<td>200° F</td>
<td>1° F/0.1</td>
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<td></td>
<td></td>
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<tr>
<td>°F</td>
<td>1000° F</td>
<td>1° F/1</td>
<td></td>
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<td></td>
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<td>MFD</td>
<td>200</td>
<td>3% + 5/0.1m</td>
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<td>Hi-V Indicator</td>
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<td>Hi-V Indicator</td>
<td>&gt;30V</td>
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<td>NCV</td>
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<td>•</td>
<td>NCV</td>
<td>&gt;24VAC</td>
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<td>Ohms</td>
<td>200</td>
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<td>Ohms</td>
<td>4K</td>
<td>1% + 4/1</td>
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<td>Ohms</td>
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<td>Ohms</td>
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<td>1.5% + 4/1K</td>
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<tr>
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<td>3% + 5/10K</td>
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<td>Continuity</td>
<td>•</td>
<td>•</td>
<td>Continuity</td>
<td>Diode</td>
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<td>Diode</td>
<td>•</td>
<td>•</td>
<td>Diode</td>
<td>Hz</td>
<td></td>
</tr>
</tbody>
</table>

*With ACH4 clamp head, LED and beeper, Range is 40XX, not 20XX.*

Temperature accuracies shown are after simple field calibration.
Digital Multimeters
LT17A
The Biggest Bang for Your Buck
The LT series cover most parameters and ranges technicians need for HVACR applications. And to further expand testing capabilities, the leads connect directly to any Fieldpiece accessory head.

- Continuity indicator
- Type K thermocouple
- Bright, blue backlight
- Low ohm ranges
- Both mA and µA for testing flame rectifier diodes
- MIN/MAX function
- Probe storage
- Magnetic hanger and tilt stand

Included
- Deluxe silicone test leads – ADLS2
- Short alligator lead extensions – ASA2
- 400A amp clamp accessory – ACH4
- Type K thermocouple – ATB1
- Nylon case – ANC5

Current Clamp Head
ACH4
- Measures AC Amps from 1A to 400A
- Accuracy:
  1A-20A AC: ±(1.5% rdg + 0.2A)
  20A-100A AC: ±(2.5% rdg + 0.3A)
  100A-400A AC: ±(3.5% rdg + 0.5A)
- .91” (23mm) maximum conductor diameter

Electronic Handle for Accessory Heads
EHDL1
Converts any Fieldpiece Accessory Head into a standalone instrument.
- MIN/MAX button
- Use with any Fieldpiece accessory head
- Hold button

Silicone Test Leads
ASLS2
- High copper strands, silicone insulated test leads
- Basket style strain relief

Deluxe Silicone Test Leads
ADLS2
- Same as the ASLS2 with the addition of removable probe tips for connection to accessory heads

Deluxe Test Lead Kit
ADK7
- Silicone test leads, removable probe tips and alligator clips for grounding
- Includes molex tips

Dual Alligator Clips
ADA2
- Red and black vinyl insulated cables with small alligator clips on the ends. Each shorting cable is 3.5 feet long
**Dual Temperature Thermometer**

**ST4**

**Heavy Duty Dual Temp**
The ST4 measures two temperatures simultaneously. The ST4 provides superior temperature compensation in rapidly changing environments.

- Delta T
- 0.1°F resolution
- Easy field calibration
- Reads T1, T2, or T1-T2
- °F or °C
- Superior temperature compensation

**Included**
- Case with hanger
- 2 Type K thermocouples – AT81
- 2 Velcro straps


**Diagnostic Psychrometer**

**SRH3**

**Easier Target Superheat**
The SRH3 is a great tool to properly charge fixed restrictor systems by quickly determining the target superheat and target evaporator exit temperature.

- Measures temps and %RH
- Calculates wet bulb and dew point
- Quickly provides target superheat for charging
- Helps determine proper air flow with target evaporator exit temperature

**Included**
- Stabilizing cone - RCONE1
- Padded blow-molded Case

**Dual In-duct Psychrometer**

**SDP2**

**Do More with One Tool**
Measure both sides of the evaporator in real-time.

- Measure supply wet bulb and temp and return wet bulb and temp all at ONE TIME
- Calculates temp split and TEET
- Monitors enthalpy (BTU) change across evaporator
- Sends values wirelessly to system analyzers
- Works with Job Link® System
Psychrometer Accessory Head
ARH5
The ARH5 measures and calculates from inside the duct for more measurements.

- Measures temps and %RH
- Calculates wet bulb dew point
- Fast, accurate results target superheat and evaporator exit temperature

Included
- Stabilizing cone - RCONE1

IR Thermometer with Laser
SIR2
Ergonomic pocket IR with laser.

- 6:1 field of view
- MIN/MAX automatic data hold
- Select °F or °C

Dual Temperature Accessory Head
ATH4
Measures two temperatures simultaneously to output T1, T2, or T1-T2

- ±1°F accuracy
- Select °F or °C
- Range: -50°F to 1800°F
- Superior temp compensation

Gun Style IR Thermometer with Laser
SIG1
The SIG1 takes accurate surface temperatures. The narrow 10:1 field of view allows techs to target smaller areas.

- 10:1 field of view
- Select °F or °C
- Range: -22°F to 1022°F

Rod and IR Temperatures
SPK3
Convenient 2-Way Temp.
Easy to use compact tool for quick in-duct, register, and ambient temperatures.

- 8:1 IR
- Hands free in-duct temps
- Quick T1-T2 calculations
- Max/min/hold
**IR Pocket Thermometer with LED Flashlight**

**SIL2**
Great accuracy and a built-in LED flashlight.

- 1:1 field of view
- Automatic data hold
- Select °F or °C

**Digital Pocket Psychrometer**

**PRH2**
Everyday measurements at your fingertips.

- Wet bulb, dry bulb, dew point, %RH
- Quick walk-around measurements
- Easy in duct readings
- Helps calculate target superheat

---

**All Fieldpiece thermocouples work with Fieldpiece meters that take temperature.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>MAX° F PROBE TEMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATBI</td>
<td>Bead type standard</td>
<td>400</td>
</tr>
<tr>
<td>ATA1</td>
<td>Bead type with alligator</td>
<td>400</td>
</tr>
<tr>
<td>ATAF1</td>
<td>HI-temp bead type with alligator</td>
<td>900</td>
</tr>
<tr>
<td>ATWBI</td>
<td>Wet bulb (sock) with alligator</td>
<td>200</td>
</tr>
<tr>
<td>ATCIR</td>
<td>Pipe clamp-refrig. (1/8-to 3/4&quot;)</td>
<td>257</td>
</tr>
<tr>
<td>TC24</td>
<td>Fast Reacting Pipe clamp-Temp. (3/8-to 1 3/8&quot;)</td>
<td>257</td>
</tr>
<tr>
<td>ATC2</td>
<td>Pipe clamp (up to 2 1/4&quot;)</td>
<td>180</td>
</tr>
<tr>
<td>ATEXT10</td>
<td>10’ extension cables</td>
<td>400</td>
</tr>
<tr>
<td>ATRI</td>
<td>4.5· piercing rod with handle</td>
<td>1500</td>
</tr>
</tbody>
</table>
Refrigerant Leak Detection
**Infrared Refrigerant Leak Detector**

**SRL2K7**

**Superior Sensitivity in Refrigerant Leak Detection**
This infrared leak detector helps you find leaks with pinpoint accuracy. It automatically adjusts to high ambient refrigerant levels, and by using the required sweeping technique, techs can quickly and easily uncover the exact location of the leak.

- Equal sensitivity to all refrigerants
- Pinpoint accuracy
- Sensor sensitivity doesn’t weaken over time
- Rechargeable eight hour lithium ion battery
- Turbo mode to pick up very low level leaks

**Included**
- 5 O-rings and 10 replacement filters – RFL2
- 9” Flex extension probe – RFE2
- 9” Rigid extension probe – RRE2
- Wall charger – RWA2
- Car charger – RCA2
- Blow-molded Case

**Heated Diode Refrigerant Leak Detector**

**SRL8**

**The Traditional Heated Diode Detector**
The SRL8 is a rugged and accurate leak detector that senses all CFCs, HFCs, HCFCs, and blends.

- Sensitivity below 0.1 oz/yr
- 15-hour rechargeable lithium battery
- Manual or automatic zeroing
- Magnetic hanger
- Three sensitivity levels

**Included**
- 5 O-rings and 10 replacement filters – RFL2
- 9” Flex extension probe – RFE2
- 9” Rigid extension probe – RRE2
- Wall charger – RWA2
- Car charger – RCA2
- Blow-molded case

**Carbon Dioxide Leak Detector**

**SCL2**

**Quickly Close in on CO2 Leaks**
Find leaks on commercial refrigeration systems, restaurant soda machines, or any other system using R-744. Pinpoint tiny leaks in high concentration CO2 environments with ease.

- Find R-744 refrigerant leaks
- Long-life sensor made to last up to ten years
- Three sensitivity levels down to 6g (0.2oz) per year
- Senses change. Works in contaminated environments
- Rechargeable lithium ion battery with two chargers

**Included**
- 10 Moisture filters
- 5 O-rings
- 9” Flex extension probe - RFE2
- 9” Rigid extension probe - RRE2
- Wall charger - RWA2
- Car charger - RCA2
- Blow-molded case
CFM Without a Hood

STA2
The STA2 In Duct Hot-wire Anemometer calculates CFM from air velocity and free area.

With in-duct traversing the STA2 is an excellent alternative to costly, bulky hoods for air balancing.

- Fast response time
- Dual display to show any combination of real-time CFM, air velocity, or temp
- Minimizes effects of turbulence with time or test point averages
- Fast, accurate temps
- Affordable air balancing

Air Velocity and Temperature Accessory Head
AAV3

- Air Velocity: Ft/min, meters/sec, MPH, KM/hr
  Range: 80 to 5900 ft min
  Accuracy: ±3%+1dgt
- Temperature: Displays ºF and ºC
  Range: -4ºF to 140ºF
  Accuracy: ±1ºF from 32ºF to 113ºF
  Resolution: 0.5ºF

Included
- Stabilizing cone - RCONE1
- Padded blow-molded case
Dual Port Manometer

SDMN5
Gas Pressure, Static Pressure AND Differential Pressure.
Rugged standalone dual-port manometer that measures differential, absolute, and static pressure.

- Measures Inches WC, mm WC, mBar, and PSI
- Magnetic hanger
- Data HOLD
- Measures P1, P2, or P1-P2
- Easy to zero
- Battery check function

Included
- Two adapters – RMA316
- Two 3/16” tubes with brass fittings

Optional
- Static pressure probes – ASP2

Dual Port Manometer

SDMN6
(See page 59-60)

Dual-Port Manometer Accessory Head

ADMN2
Dual-port manometer that measures differential, absolute, and static pressure in mBar or inches of water column (inWC).

- Range from -60 to +60.0 inches WC
- Accuracy ± .02WC, ± (0.00 in WC to 2.00 in WC)
- Resolution down to 0.01 in WC for static pressure

Included
- Adapters – RMA316

Pressure Manometer Accessory Head

AMN2
Measures gas pressure with resolution low enough for static pressure.

- Maximum ±60 inches WC for gas pressure
- Accuracy: ±2% FS
- 0.01 inches WC resolution for static pressure
- Manual zero-set for comparing pressures
- Auto power off

Included
- Adapters – RMA316

Optional
- Static pressure probes – ASP2
Check the Pressure Differential Across a Blower
Use the included static pressure probes for easy, accurate, static pressure testing.

Find Inlet and Outlet Gas Pressures
Screw the brass fittings directly into the gas regulator taps.

Test any Pressure Switch
Easily calibrate any adjustable pressure switch.

Dual Port Manometer and Pressure Switch Tester
SDMN6
Do More with the Pressures You Need
Correct pressure switch operation is integral to the safety of a furnace environment. The SDMN6 is a dual-port manometer that also accurately tests pressure switches by simulating a draft with an internal pump.

The SDMN6 allows you to test pressure switches the right way. Adjust the pump’s speed to create a negative pressure (vacuum). The red LED indicates when the switch closes. View the closing and opening pressures directly on the LCD.

The dual-port manometer measures ±60 inches of water column, high enough for gas manifold pressures.

Check building pressurization with static pressure resolution of 0.01”WC. View P1-P2 in the bottom line of the display for checking the performance of a blower.

- Gas pressure
- Static pressure
- Pressure differential
- Test pressure switches
- Easily calibrate any adjustable pressure switch
- Great for diagnosing furnace performance

Included
- SDMN6 - Dual Port Manometer and Pressure Switch Tester
- ANCl - Four pocket carrying case
- ASP2s - Static pressure probes
- RMA316 - Pressure tubes
- Quick connect leads
- Hoses and Y-splitter
- Hoses with brass screw fittings
**Carbon Monoxide Detector**

**SCM4**

**Finds CO Sources Fast**
The SCM4 has a very fast reaction time. This rugged instrument can help you hunt down sources of the potentially life-threatening poisonous gas.

- Fast enough for walk around testing
- Calibrates to ambient quickly with ZERO button
- Audio and visual alerts
- Magnetic hanger
- Bright, blue backlight on dual display
- Field replaceable sensor

**Carbon Monoxide Accessory Head**

**ACM4**

- Fast enough to locate CO source in walk-around testing
- Three-pin electrochemical sensor for better performance
- Range 0-1000 ppm (2000 ppm with 5 minute max exposure time)
- Accuracy: 0-35 ppm ±5% reading, ±2 ppm after zeroing
- Field replaceable sensor

**Combustion Check with Automatic Pump**

**SOX3**

**Fast and Easy Furnace Tuning**
The SOX3 is an affordable alternative to full-function combustion analyzers. It provides the essential readings needed to tune combustion equipment like measuring flue temp and %O2, and calculating %CO2, %Excess Air, and combustion efficiency.

- Calculates %CO2, %EA, and combustion efficiency
- Hands-free testing
  - Automatic pump
  - Magnetic hanger
  - Threaded barrel-lock cone
- Programmable for custom fuel types

**Included**
- Barrel and thermocouple — RSOX3
- Barrel-lock cone — RCONE2
- Foam padded hard case
**Oxygen and Carbon Dioxide Accessory Head**

**AOX2**
The AOX2 measures oxygen in the flue gas for combustion analysis, and also computes %CO2 and measures stack temperature.

- Measures %O2, %CO2, or temperature
- LED indicates stable reading

**Manometer Accessory Head**

**AMN2**
Measures gas pressure and has resolution low enough for static pressure.

- Maximum ± 60 inches
- WC (water column) for gas pressure
- Accuracy: ±2% FS
- Manual zero-set for comparing two pressures

**Dual Port Manometer Accessory Head**

**ADMN2**
The ADMN2 measures differential, absolute, and static pressure.

- Range from -60 to +60.0 inches WC
- Accuracy of ±1.5% FS

**Included**
- Two adapters – RMA316

**Dual Port Manometer**

**SDMN5**
Rugged standalone dual-port manometer that measures differential, absolute, and static pressure.

- Measures inches WC, mmWC, mBar, and PSI
- Measures P1, P2, or P1-P2
- Easy to zero

**Included**
- Two adapters – RMA316
- Two 3/16" tubes with brass fittings
**In Duct Psychrometer**
PRH2
- Wet bulb, dry bulb, dew point, %RH
- Quick walk-around measurements
- Easy in duct readings
- Helps calculate target superheat

**Magnetic Parts Dish**
MDSH1
Never lose a bolt or screw again.

**Lighted Magnet Tool**
PMG2
Perfect for picking up dropped screws, keys, even tools. LED shines through “donut-hole” magnet to direct light where you need it most.

**Lighted Mirror Tool**
PLM2
Mirror adjusts in any direction and makes viewing in tight places possible. LED reflects light from the mirror to shine where you need it. Detach the mirror to use as flashlight.
**Gun Style IR Thermometer with Laser**

**SIG1**
The SIG1 makes taking surface temperatures easy, accurate and fast. The narrow 10:1 field of view allows you to target smaller areas from further away. The backlight allows you to read the measurements in any light.

- 10:1 field of view
- Select °F or °C
- Range: -22°F to 1022°F
- Accuracy: ±4°F or 2% rdg, whichever is greater
- Resolution: 1°F
- Automatic data hold
- Backlight
- Auto Power Off (APO) to conserve battery life

**Pocket Knife Style Stainless Steel Thermometer**

**SPK1**
- Detent holds rod in 16 positions
- Easily hangs from thermostat, register, or a hole in flex duct
- Range: -58°F to 392°F
- MIN/MAX and Hold

**In-duct Thermometer**

**SPK2**
- Quick and easy in-duct measurements
- Hanging hook for hands free temps
- Fits easily in pocket
- Bright backlight
- Range: -58°F to 392°F

**Water Resistant Stainless Steel Thermometer**

**SWT2**
- MIN/MAX
- Accuracy: ±1.8°F, -4°F to 392°F
- Resolution 0.1°F
- Range: -58°F to 392°F

**Non-Contact Voltage Tester**

**SNCV1**
- Detects live AC voltage without contact
- Bright LED and loud beeper
- Range: 24VAC to 440VAC
- Senses 24VAC for thermostat power
- Analog feel indicates strong and weak AC voltage fields

**Megohmmeter**

**SMG5**
- Helps predict compressor failure
- Great for preventative maintenance
- One handed testing
- Long probe tip for hard to reach terminals
- Bright backlight

**IR Pocket Thermometer with LED Flashlight**

**SIL2**
The SIL2 has great accuracy and a built-in bright LED flashlight that uses a separate AAA battery. The SIL2 looks like a pen in your pocket.

- 1:1 field of view
- Automatic data hold
- Select °F or °C
- Range: -27°F to 230°F
- Excellent accuracy: ±1.5°F
- Resolution: 0.5°F
- Auto power off

**Thermometer with Laser**

**SIR2**
- 6:1 field of view
- MIN/MAX automatic data hold
- Select °F or °C
- Range: -27°F to 482°F
- Accuracy: ±4°F or 2% rdg, whichever is greater
- Resolution: 0.1°F
- Auto power off
- One-hand operation
Bags
**Inspection Tool Bag**

**BG36**

The BG36 Inspection Tool Bag is an easy to carry, over the shoulder bag with an easy to open pop top. The pop top protects your tools from inclement weather, and from spilling out if dropped or knocked over. Plus it provides extra space for small tools and drill bits. While the strong magnetic tray holds cabinet screws and washers so they’re never lost.

Sectioned interior pockets keep everything organized. Zippered side pocket and large interior adjustable section protect meters from hand tools. Large open front pocket and expandable side pocket allow for additional storage. Sturdy weather protected base keeps bag standing upright.

The BG36 is extremely durable with reinforced construction, ballistic grade nylon, and ripstop nylon. Plus it’s comfortable to wear with a padded, breathable back panel and adjustable strap.

- Easy access pop top
- Quick locking magnetic closure
- Isolated pockets for test instruments
- Compact rugged design
- Magnetic tray
- Weather protected sturdy base

**Service Tool Backpack**

**BG44**

The BG44 Single Strap Bag System is specifically designed to fit the needs of the HVACR professional. A smaller and easier bag crafted for the initial call to test and assess a system.

Padded outside pockets keep instruments protected and away from hand tools. A strong and sturdy base keeps the bag upright and not directly on the ground.

The interior tool rack organizes hand tools for easy access and quick visibility so missing tools don’t get left behind. Special accessories include a magnetic tray, water bottle/ wasp spray strap, electrical tape strap, small plastic tray storage in bottom, and drill holster. All in a compact bag that fits snuggly to the body to fit in tight places like crawl spaces and ladder cages.

- Compact for tight crawl spaces and ladder cages
- Water resistant
- Elevated sturdy base
- Magnetic strip to keep screws in one place
- Padded outside pockets to protect meters
- Store small tablet in the padded slip pocket
- Plenty of D rings to connect accessories
- Tool organizer for hand tools
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