

MEET THE FIELDPIECE FAMILY



Tools HVACR Pros Trust

Fieldpiece Overview

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

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

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

- Accessories
- Airflow
- Electrical
- Refrigerant Leak Detectors
- Super Heat Sub Cool Analysis
- Temperature/RH%
- Vacuum & Recovery

HVACR professionals trust Fieldpiece to have the right tools to help them do more. Every day.

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Refrigerant Charge



SM380VINT

Wireless SMAN® Refrigerant Manifold 3-port

- Wireless range of 300 meters
- Super rugged construction
- Temperature compensated system tightness test
- Job Link® System enabled
- Data logging
- Water resistant (IP54)



SM480VINT

Wireless SMAN® Refrigerant Manifold 4-port

- Wireless range of 300 meters
- Super rugged construction
- Temperature compensated system tightness test
- Job Link® System enabled
- Data logging
- Water resistant (IP54)



JL3KH6INT

Job Link® System Charge and Air Kit

- Wireless range of 300 meters
- Directly connects to mobile device with Job Link System App
- Data logging
- Fast accurate temps with patented Rapid Rail technology
- Pressure probe auto calibrates at any elevation
- Configurable psychrometers with flexible probe and sliding magnet
- Water resistant (IP54)



JL3KR4INT

Job Link® System Charge Kit

- Wireless range of 300 meters
- Directly connects to mobile device with Job Link System App
- Data logging
- Fast accurate temps with patented Rapid Rail technology
- Pressure probe auto calibrates at any elevation
- Great for critically charged systems
- Water resistant (IP54)



JL3PRINT

Job Link® System Pressure Probe

- Wireless range of 300 meters
- Super rugged construction
- Job Link® System enabled
- Data logging
- Water resistant (IP54)



REFRIGERANT CHARGE

One system does it all - Job Link® System App

The Job Link® System works with all of our wireless tools—from pipe clamps to probes to digital manifolds, and integrates all of their functionality seamlessly. With the Job Link® System App, you'll see a real-time picture of an entire system – from single-circuit residential A/C systems to multi-circuit commercial units.



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!



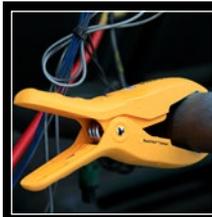
Digital Manifolds
SM380VINT
SM480VINT



Clamp Meters
SC480INT
SC680INT



Pressure Probes
JL3PRINT



Pipe Clamps
JL3PCINT
JL3LCINT



Vacuum Gauge
JL3RHINT



Psychrometer
MG44INT



Refrigerant Scale
SRS3



Manometer
JL3MNINT

Job Link® Free

- Live measurements
- Advanced calculations
- System diagnostics
- Free PDF reports

Job Link® Pro

Everything in Job Link Free plus:

- Cloud storage
- Inspection checklists
- Photos and notes
- Customer and equipment history
- Build teams
- Live Look-in
- Free PDF reports

Job Link® Pro + Invoicing

Everything in Job Link Free and Job Link Pro plus:

- Professional invoicing
- Customizable parts and equipment
- Customizable hourly rates
- QuickBooks online integration



Airflow



JL3KM2INT**Job Link® System Dual Port Manometer Probe Kit**

- Wireless range of 300 meters
- Precise placement with untethered design
- All-in-one static, gas and draft pressure
- Available as individual tool JL3MNINT

**SDMN5****Dual Port Manometer**

- Measure duct pressures to balance air flow
- Resolution down to 0.01" WC for static pressure measurement
- -60.0" WC to 60.0" WC range
- Includes two 5/16" adapters for measuring inlet and outlet pressures

**STA2****Anemometer Hot Wire**

- In-duct air balancing with fast response time
- Minimizes turbulence effect
- Hands free testing
- 38" telescoping probe in in-duct traversing
- Dual display shows combo of real-time CFM, air velocity, or temp



Electrical



SC260

400A Clamp Meter Compact

- True RMS
- Volts AC/DC
- Temperature
- Magnetic Hanger
- Bright backlight



SC480INT

600A Clamp Meter Dual Display | Power

- Wireless direct to Job Link® System for electrical documentation
- Measures Power (kW) for system efficiency
- Has True RMS and Low Pass Filter (LPF) to obtain accurate VFD readings
- Molex test leads for small circuitry
- Test 3-phase with two leads
- Safety rated CAT IV – 600V/CAT III – 1000V



SC680INT

600 AC/DC Swivel Clamp Meter Dual Display | Power | LPF

- Wireless direct to Job Link® System for electrical documentation
- Measures Power (kW) for system efficiency
- Has True RMS and Low Pass Filter (LPF) to obtain accurate VFD readings
- DC Amps and Diode for mini-split inverters
- Dual temperature for delta T
- Molex test leads for small circuitry
- Test 3-phase with two leads
- Safety rated CAT IV – 600V/CAT III – 1000V



Function	SC260	SC480INT	SC680INT
Volts AC/DC	•	•	•
Power Factor		•	•
Low Pass Filter		•	•
Job Link® System		•	•
Phase Rotation		•	•
True RMS	•	•	•
Inrush		•	•
Duty Cycle %			•
600VAC/DC		•	•
750VAC,1000VDC		•	•
400 AAC	•	•	•
Magnetic Strap	•	•	•
Dual Display		•	•
Temperature °F/ °C	•	•	•
Capacitance	•	•	•
Microamps DC		•	•
Frequency via Leads/Clamp		•	•
Non Contact Voltage		•	•
50 Mega Ohm with 0.1 Resolution		•	•
Continuity	•	•	•
Diode Test	•	•	•
Hold	•	•	•
Clamp Probe Holder		•	•
Clamp Jaw Light		•	•
LCD Backlight	•	•	•
Low Battery Indicator	•	•	•
Battery: 9V, 100 hrs		•	•
Battery: 9V, 150 hrs	•		
Compliance with UL 3rd Edition	•	•	•
CATIII 600VAC/DC		•	•
UL rated up to CATIII, 1000VAC/DC and CATIV, 600VAC/DC		•	•



LT17A**Digital Multimeter**

- Temperature up to 760 C°
- 400 AAC with included clamp
- Capacitance up to 200MFD
- Microamps for flame diode test
- Frequency for motor setup

**SMG5****Megohmmeter**

- Helps predict compressor failure
- One handed testing
- Long probe tip for hard to reach terminals
- Bright backlight

**ADLS2****Deluxe Silicone Test Leads**

- High copper strands, silicone insulated test leads
- Basket style strain relief
- Removable probe tips

**ADK7****Deluxe Test Lead Kit**

- Silicone test leads
- Alligator clips
- Molex tips



Vacuum & Recovery



RunQuick™ Oil Change System

MAX
MIN



10 CFM Dual Stage Vacuum Pump
Fieldpiece® VPX7

Fieldpiece®
VACUUM PUMP OIL 8 OUNCES / 237 MILLILITERS
CAP STORAGE

WARNING: For professional use only. Not for human consumption. Avoid skin and eye contact. Keep out of reach of children.

Fieldpiece®
VACUUM PUMP OIL 8 OUNCES / 237 MILLILITERS
CAP STORAGE

WARNING: For professional use only. Not for human consumption. Avoid skin and eye contact. Keep out of reach of children.

Stage Vacuum Pump
Fieldpiece® VP87

Fieldpiece®

Stage Vacuum Pump
Fieldpiece® VP87

Fieldpiece®

VPX7EU | VPX7UK | VPX7UK230

10 CFM Vacuum Pump

- 10 CFM / 280 l/min flow rate with 15 microns ultimate vacuum level
- ¾ HP DC motor
- Weighs 11 kg. - Patented lightest weight
- RunQuick® Oil Change System offers on-the-fly oil changes in seconds
- Port Sizes: (1) 1/4", (2) 3/8", (1) 1/2"
- VPX7 - available in 230v and 110v models
- A2L Certified



OIL8X3

3 Pack Vacuum Pump Oil

- Three times 235 ml containers of vacuum pump oil
- Low vapor pressure ideal for pulling vacuums
- Wide temperature range helps oil perform in any conditions
- Highly refined for consistent performance
- Ensures proper sealing and lubrication
- Designed to work with our RunQuick® Oil Change System



VP87EU | VP87UK | VP87UK230

8 CFM Vacuum Pump

- 8 CFM / 225 l/min flow rate with 15 microns ultimate vacuum level
- ¾ HP DC motor
- Weighs 12,25 kg.
- RunQuick® Oil Change System offers on-the-fly oil changes in seconds
- Port Sizes: (1) 1/4", (2) 3/8", (1) 1/2"
- VP87 - available in 230v and 110v models
- A2L Certified



OIL32

Quart Vacuum Pump Oil

- 950 ml container of vacuum pump oil
- Low vapor pressure ideal for pulling vacuums
- Wide temperature range helps oil perform in any conditions
- Highly refined for consistent performance
- Ensures proper sealing and lubrication
- Designed to work with our RunQuick® Oil Change System



VP67EU | VP67UK

6 CFM Vacuum Pump

- 6 CFM / 170 l/min flow rate with 15 microns ultimate vacuum level
- ½ HP AC motor
- Weighs 13 kg.
- RunQuick® Oil Change System offers on-the-fly oil changes in seconds
- Port Sizes: (1) 1/4", (2) 3/8", (1) 1/2"
- VP67 - Dual voltage machine (230v/110v)
- A2L Certified



OIL128

Gallon Vacuum Pump Oil

- 3.785 liters container of vacuum pump oil
- Low vapor pressure ideal for pulling vacuums
- Wide temperature range helps oil perform in any conditions
- Highly refined for consistent performance
- Ensures proper sealing and lubrication
- Designed to work with our RunQuick® Oil Change System



MG44INT

Wireless Vacuum Gauge

- Confidently perform evacuations with a reliable, leak-proof seal
- Reversible angled coupler and new cylindrical design are easier to fit into tight spaces
- There are three ways to use: 1) Directly from the MG44's display, 2) up to 300 meters away via the Job Link® mobile app, or 3) on the Fieldpiece SMAN® Refrigerant Manifold
- Three ways to view: New larger backlit LCD screen is easier to read and its dot-matrix display shows more info including 1) bar graph, 2) rate, and 3) rate meter
- IP54-rated weather-resistant



SRS3

Wireless Refrigerant Scale

- Max load 114 kg
- Water resistant
- 200 hour platform battery life
- Long range wireless
- Connect to Job Link® System Mobile App
- Flat top bumpers for larger cylinders



MR45INT

Digital Recovery Machine

- DC Motor: 1 HP (variable smart speed)
- Starts and runs easily with lower voltage
- Minimizes liquid slugging and maximizes vapor recovery
- Presence of liquid → 2000RPM
- Presence of vapour → 3000 RPM
- Easy access ports
- Water resistant to withstand direct rain
- R32 Ready
- Available in 240v (also available in 110v from May 2022)



Leak detection



DR82EU**Infrared Refrigerant Leak Detector**

- State-of-the-art infrared sensor
- Large backlit LCD screen provides clear, easy-to-see information
- Sensitivity better than 0.03 oz/yr (1g/a)
- Detects all HFC, CFC, HCFC, HFO and blends
- Flashing lighted tip, loud beeper and leak rate indicator
- Doesn't trigger on soap bubbles and oil
- Works on A2L Refrigerants

**SCL2EUR****Carbon Dioxide Leak Detector**

- Senses refrigerant change for excellent response in contaminated areas
- Long-life sensor lasts up to 10 years
- Three sensitivity levels, down to 6g (0.2oz) per year
- Rechargeable lithium ion battery

**DR58EU****Heated Diode Refrigerant Leak Detector**

- Sensitivity better than 0.03 oz/yr (1g/a)
- Bright, LCD screen with easy-to-see bar graphs and numeric readings
- 18-hour USB rechargeable lithium-ion battery
- Detects all HFC, CFC, HCFC, HFO and blends
- Flashing lighted tip, multiple alarms, and numerical leak size indicator
- Manual or automatic zeroing
- Great performance on R410A
- Works on A2L Refrigerants

**RFT6****All in one, replaceable filter tips**

Temperature



JL3RHINT

Job Link® System Flex Psychrometer Probe

- Powerful 300 meters wireless range direct to Job Link App or mobile device
- Communicates with Job Link App and Wireless Manifolds (SM380VINT/SM480VINT)
- Strong magnetic hanger
- Supply and return side switch
- Water resistant



SPK2

In-duct Thermometer

- Quick and easy in-duct measurements
- Temperature range: -50 °C to 200 °C
- Hanging hook
- Bright backlight



ST4

Dual Temperature Meter Type K

- Two Type-K thermocouples included
- Accepts any Type-K thermocouple
- Resolution of 0.1 degree F
- Separate MIN/MAX and HOLD buttons
- Easy field calibration



SPK3

Thermometer – Compact Type K | Infrared

- Convenient 2-Way Temp | Rod/IR
- 8:1 IR
- Hands free in-duct temps
- Quick T1-T2 calculations
- Max/min/hold



SIG1

Gun Style IR Thermometer with Laser

- Accurate surface temperatures
- 10:1 field of view
- Select °F or °C
- Range: - 30 to 550 °C



JL3PCINT

Job Link® System Premium Pipe Clamp Probe

- Jaw range between 1/4" to 1 3/8"
- Powerful 300 meter wireless range
- Stabilizes in 3 seconds with +/- 0.5 °C accuracy
- Patented Rapid Rail™/R Sensor
- Communicates with Job Link App and Wireless Manifolds (SM380VINT/SM480VINT)



JL3LC

Job Link® System Large Pipe Clamp

- Jaw range between 3/4" to 4 1/8"
- Extremely accurate and quick
- Patented Rapid Rail™ Sensor
- Works wirelessly up to 300 meter
- Communicates with Job Link App and Wireless Manifolds (SM380VINT/SM480VINT)



TC48

Large Pipe Clamp

- Jaw range between 3/4" to 4 1/8"
- Extremely accurate and quick
- Patented Rapid Rail™ Sensor
- Single-hand operation
- Compact design



ATC1R

Small Clamp Thermocouple

- Works on pipes between 1/8" to 3/4"
- Accuracy: +/- 2 °C ; 0.5 °C after field calibration, 0 to 80 °C
- Temperature range: -46 to 125 °C



TC24

Pipe Clamp Thermocouple

- Works on pipes between 3/8" and 1 3/8"
- Ideal for residential and light commercial cooling systems
- Accuracy: 0.5 °C after field calibration



Tool bags



BG36

Inspection Tool Bag

- Quick locking magnetic closure
- Isolated pockets for test instruments
- Weather protected sturdy base
- Compact rugged design



BG44

Service Tool Bag

- Rugged, elevated rack for hand tools
- Padded pockets to protect meters
- Magnetic tray
- Quick carry single strap
- Compact rugged design



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