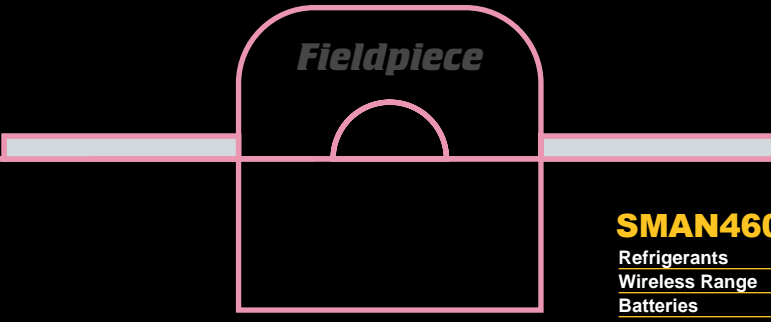


Test Tools HVACR Pros Trust



**Do it Right, Do it Fast!**

HVACR professionals need a refrigerant manifold on nearly every job. Digital manifolds make these jobs faster, easier, and more precise. Check, evacuate, and charge systems fast with the SMAN460. The rugged new screen shows everything you need all at once: 2 pressures and 7 temperatures. View your target superheat while monitoring, in real-time, how your charge is affecting actual superheat and subcooling. Use the 3/8" full bore manifold and VAC port for quick recovery and evacuation. Connect to other Fieldpiece wireless analyzers for further diagnosis, data logging, and reporting.

**SMAN460 Specs**

Refrigerants	45 sorted by popularity	Best Accuracy!
Wireless Range	100 feet	Best Resolution
Battery	1.5V AA x 6	±1Psi/0.1
Battery Life	300 hrs typical alkaline (no wireless, backlight, or micron gauge)	±0.2°F/0.1
Connector Type	3x Standard 3/8" NPT male flare fitting	±0.2°F/0.1
	1x Standard 3/8" NPT male flare fitting	±0.2°F/0.1
Measurement	Range	Best Accuracy!
Pressure	0 to 580Psi	±1Psi/0.1
Vacuum	29.92 to 0.1HgV	±0.2°F/0.1
Microns	0 to 999	±0.2°F/0.1
Temperature	-55°F to 552.9°F	±1°F/0.1

\* System accuracy (SMAN460) • Type K thermocouple after field calibration on SLT or LLT

SMANmkII

SMAN460

Wireless 4 Port Manifold and Vacuum Gauge

Link Your Job to Fieldpiece Analyzers

Wireless 4 Port Manifold and Vacuum Gauge



Link Your Job to Fieldpiece Analyzers

SMAN460



View It All Live on a Rugged Display

- Measures**
- 2 Pressures
  - 2 Temperatures
  - Vacuum in Microns
- Calculates**
- Superheat
  - Subcooling
  - Target Superheat
  - Vapor Saturation
  - Liquid Saturation

**3/8" Vacuum Port**

The large 3/8" vacuum port and 3/8" full bore speed up evacuation.

**Wireless Advantage**

- Receive indoor wet bulb and outdoor dry bulb measurements for live target superheat (additional instruments required).
- Send measurements to Fieldpiece wireless system analyzers for diagnostics, data storage, and reporting.

**4 Ports for One Time Hookup**

Connect to high side, low side, vacuum pump, and recovery machine (or refrigerant tank). Then use the valves as needed to recover, evacuate and charge the system.

**Temperature Solutions**

- Pipe clamps grip tight for speed and accuracy.
  - External cal. pots for easy field calibration.
- Display Designed for HVACR**
- Huge screen with the information you need.
  - No more cycling through temperatures.
  - Calculated and measured values all shown.
  - Expanded temperature tolerances allow for testing in refrigerators and on rooftops.
  - Rugged polycarbonate LCD cover.
  - Bright backlight.

**Micron Alarms and Stopwatch**

Set high and low alarms (microns of mercury).

- Activate low alarm when you start pulling down. The stopwatch will start. When your low alarm sounds, the stopwatch will restart.
- Activate high alarm when you isolate the system and the stopwatch resets again. When the system rises to your high alarm, the stopwatch will freeze.

**Reliable Regardless of Elevation**

Absolute pressure sensors give you accurate readings at any elevation.

**Lab Quality 2-Point Field Calibration**

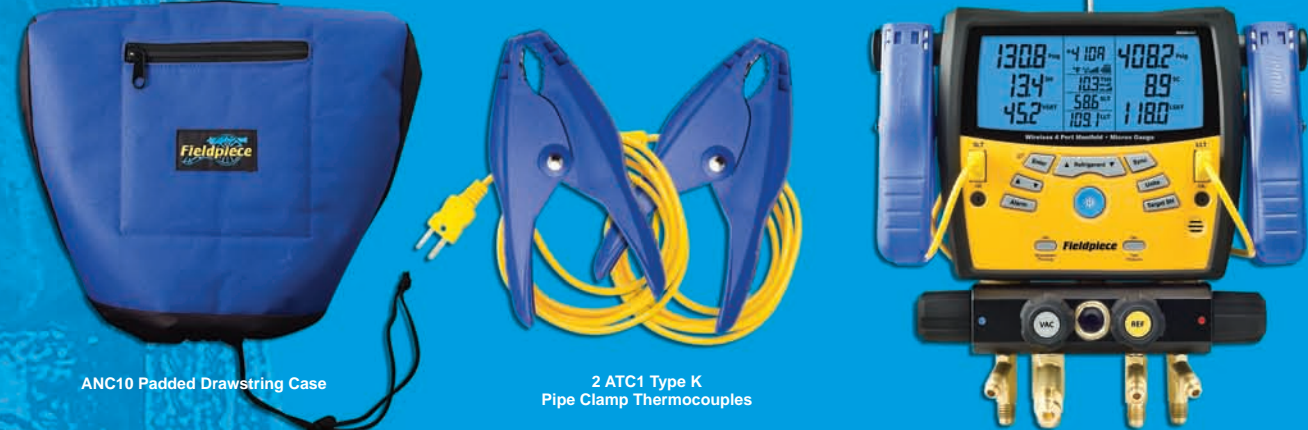
Calibrate pressure sensors to the known pressure of your refrigerant tank at a known temperature for high accuracy over the entire pressure range.

**And More**

- Front facing hose seats limit dirt and grime entering your manifold.
- Sight glass to view refrigerant flow.
- 45 refrigerants listed in order of popularity.
- Upload free future updates through Mini-USB port.
- Pipe clamp storage posts.
- Auto-Power-Off (APO).
- NIST traceable.



Watch the Video!



ANC16 Padded Carrying Case

2 ATCT Type K Pipe Clamp Thermocouples



Test Tools HVACR Pros Trust  
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DO MORE



**Your Wireless Advantage**  
Send indoor and outdoor temperatures to the SMAN460 for real-time target superheat calculation. No more trekking back and forth between the evaporator and the condenser.

RIGHT STUFF



Hoses Not Included

**Store it Hanging**  
Hang your manifold in your truck protected by a padded drawstring case. You can even store your manifold with the hoses attached.

Wireless 4 Port Manifold and Micron Gauge

NEW



3/8" Full Bore

SMAN460

1 Kc Analysis



**Better Evacuations**

- Speed up recovery and evacuations using the 3/8" vacuum port (full bore).
- Get a feel for system tightness and size by monitoring how fast the vacuum is changing (microns per minute).

**45 Factory Refrigerants Plus Free Updates via USB**

R11, R113, R114, R12, R123, R1234YE, R124, R125, R13, R134A, R22, R32, R401A (MP39), R401B, R402A, R402B, R404A, R405A, R407A, R407C, R407F, R408A, R409A, R410A, R414B (Hotshot), R416A, R417A, R417C (Hotshot), R420A, R421A, R421B, R422A, R422B (NU22B), R422C (Oneshot), R422D, R424A, R427A, R434A (RS-45), R438A (MO99), R500, R502, R503, R507A, R508B (Suva95).