

SMAN® REFRIGERANT MANIFOLDS WITH MICRON GAUGE

The heart of your job

Known as SMANs, the Fieldpiece digital refrigerant manifolds are the most advanced on the market. The result of decades long HVACR experience combined with state-of-the-art technology means nothing else even comes close.



SMAN® Refrigerant Manifolds with Micron Gauge, SM480V and SM380V

The SMAN® Refrigerant Manifolds are simply strong. The heavy duty casing, reinforced hook, water resistance, impact resistant screen, strategically placed thermocouple ports, and hermetically sealed sight glass, all ensure the SMAN Refrigerant Manifolds are ready to withstand the rigors of field use.

- Transmits directly to Job Link® System App
- Super rugged construction
- Data logging
- Temperature compensated
- System tightness test
- Protected thermocouple jacks for pipe and outdoor temps
- A2L Refrigerant Compatible
- Water resistant (IP54)

Packed with Knowledge

The SMAN® Refrigerant Manifolds are designed to work for you 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

Job Link® System Integration

- Direct 1000' wireless range
- Connect and view wireless probes and scale readings directly on your SMAN screen
- View SMAN measurements in the Job Link® System app



Specifications	SM380V	SM480V
Vacuum port		✓
Refrigerant port		✓
Display: LCD (5 inches diagonal)	✓	✓
Job Link® System integration	✓	✓
Wireless Range: 1000 feet (305 meters) line of sight – distance decreases through obstructions	✓	✓
Maximum Manifold Pressure: 800 Psig (5500 kPa)	✓	✓
Data Port: Micro USB (for extracting data logs or updating firmware)	✓	✓
Operating Environment: 32°F to 122°F (0°C to 50°C) at <75% RH	✓	✓
Storage Environment: -4°F to 140°F (-20°C to 60°C) at <80% RH (with battery removed)	✓	✓
Temperature Coefficient: 0.1 x (specified accuracy) per °C (0°C to 18°C, 28°C to 50°C), per 1.8°F (32°F to 64°F, 82°F to 122°F)	✓	✓
Weight: 4.03 lbs (1.83 kg)	✓	✓
Water Resistant: Designed to IP54	✓	✓