Designed for Performance

Knowledge, power and experience are packed into the newly designed SMAN™ Refrigerant Manifolds. Years of testing from HVAC 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. The extremely rugged overmold casing, reinforced hook, and sealed control panel provide protection in the worst of conditions. Water, dust, and light tightness test the SM380V 3-point manifold is built so you can do your job faster, faster and better.

Connect Traditionally

The SM380V includes two Type K TC24 pipe Thermocouples for live ODDB reading. Use by temperature clamps, and an additional Type K Thermocouple for live wireless air and pipe temps directly on the manifold. From the extremely rugged overmold casing, reinforced hook, and sealed control panel, to the wireless capabilities, data logging, and microwave scan, the SM380V is designed to work the way you do.

Packed with Knowledge

The SM380V is designed to work the way you do with advanced features like the data logging, system tightness test, direct connection to the Job Link App, and unit configuration.

Customizable

- Adjust level of accuracy
- Adjust high/low alert
- Set the range of the manifolds

Tightness Test

- Check for leaks after repairs or installations
- View pressure difference over time
- Freezethaw available at idle
- Temperature and time programmed to avoid false positives

Data Logging

- Log up to 100 sets of data simultaneously
- Log over 3,000 sets before logging begins
- Select data tag before data logging begins
- Select number of hours between data logs
- Select the start and stop times

Job Link® System Integration

- Live pipe and air temps with Job Link probes
- Monitor refrigerant weight directly on SMAN
- Logs up to 9 jobs internally
- Displays % free storage space before logging begins
- Easy download via USB port
- stores long term memory
- Adjustable back light duration
- Adjustable auto power off duration
- Programmable intervals between 1 sec and 2 min
- 1.2 sec per set
- Battery Life

- 6 x AA alkaline
- 350 hrs typical alkaline
- 70+ hrs using standard wireless range
- 9 +/- 300 feet
- 350 feet (106 meters) line of sight. Obstructions may increase profits.

SRS3 Scale

- View measurements up to 350 feet on your mobile device
- Connect to Job Link App
- View pressure differential over time
- View pressure/temperature compensated
- Set high and low vacuum alarms
- Check for leaks after repairs or installations
- Adjust back light duration
- Adjust auto power off duration
- Program intervals between 1 sec and 2 min
- Screen shut down after three hours to save battery life
- Displays % free storage space before logging begins
- Easy download via USB
- Stores up to 868 continuous hours
- Stores up to 350 sets before logging begins
- Programmable intervals between 1 sec and 2 min
- Battery Life

- 6 x AA alkaline
- 350 hrs typical alkaline
- 70+ hrs using standard wireless range
- Wire length limited by thermocouple spec (no backlight, wireless, or micron gauge)
- Battery Life

- 6 x AA alkaline
- 350 hrs typical alkaline
- 70+ hrs using standard wireless range

System Accuracy

- SM380V + Type K thermocouple after field calibration on SLT and LLT
- System accuracy: (-70°C to 537.0°C) ±(5%rdg + 5)/1
- Temperature Range: -50°F to 257°F (-46°C 125°C)
- ±1°F*/0.1  (°C ±0.5/0.1)
- Microns
- 50 to 9999
- ±(5%rdg + 5)/1
- Pressure Range: 29"HgV to 0"HgV
- ±0.2"HgV/0.1
- Best Accuracy

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Simply Strong

Years of knowledge and in-field use are the driving forces behind the SM380V’s heavy duty, corrosion, leak repair, and performance. Long range, water resistant, and microwave scan, the SM380V withstands the rigors of field use.

What’s Included

- SM380V SMAN Refrigerant Manifold (3 Port)
- (1) Year Warranty
- (1) ANC11 Padded Drawstring Case
- (1) ATA1 Type K Bead Thermocouple w/Clip
- (2) TC24 Type K Pipe Clamp Thermocouples
- SRS3 Wireless Scale
- Fieldpiece Job Link® System Tools
- System accuracy (SM380V + Type K thermocouple after field calibration on SLT and LLT)
- (-70°C to 537.0°C)
- Display range is -95°F to 999.9°F
- Temperature
- Microns
- Vacuum
- Pressure
- Measurement Range
- Best Resolution
- Best Accuracy
- Battery Life
- 6 x AA alkaline
- 350 hrs typical alkaline
- 70+ hr using standard wireless range
- SRS3 scale
- Water Resistant
- Impact Resistant Case
- 3 Protected Thermocouple Jacks
- Built-in Micron Gauge
- Favorite
- SRS3 Wireless Scale
- Log up to 9 jobs internally
- Displays % free storage space before logging begins
- Easy download via USB port
- Stores up to 350 sets before logging begins
- Programmable intervals between 1 sec and 2 min
- Battery Life

- 6 x AA alkaline
- 350 hrs typical alkaline
- 70+ hr using standard wireless range
- Bluetooth
- Log up to 350' away on your mobile device
- Connect to Job Link Ap
- View pressure differential over time
- View pressure/temperature compensated
- Set high and low vacuum alarms
- Check for leaks after repairs or installations
- Adjust back light duration
- Adjust auto power off duration
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