

Tools HVACR Pros Trust

Fieldpiece

## Designed for Performance

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. From the extremely rugged overmold casing, reinforced hook, and hermetically sealed sight glass, to the wireless capabilities, data logging, and tightness test, the SM480V 4 port manifold is built so you can do your job easier, faster and better.

### SM480V Specs

Refrigerants	70+ Including A2Ls and A3s (Update future refrigerants via USB)	
Wireless Range	350 feet (106 meters) line of sight. Obstructions may affect distance.	
Batteries	6 x AA alkaline	
Battery Life	350 hrs typical alkaline (no backlight, wireless, or micron gauge)	
Connector Type	3x Standard 1/4" NPT male flare fitting 1x Standard 3/8" NPT male flare fitting	
Measurement	Range	Best Accuracy/ Best Resolution
Pressure	0 to 550 Psig (0 to 40 Bar)	±1 Psig/0.1 Bar ±0.07/0.01
Vacuum	29.1 HgV to 0.1 HgV	±0.2 HgV/0.1
Microns	50 to 9999	±0.5%/rdg ± 5/1
Temperature	-50°F to 237°F (-48°C to 125°C) Limited by the thermocouple spec Display range is -95°F to 999.9°F (-20°C to 537.0°C)	±1°F/0.1 (°C ±0.5/0.1)

\* System accuracy (SM480V + Type K thermocouple after field calibration on SLT and LLT)  
A WARNING: Laser and Refrigerator from www.Fieldpiece.com  
Made in Taiwan

### Connect Traditionally



The SM480V includes two Type K TC24 pipe temperature clamps, and an additional Type K thermocouple for live ODDB reading. Use by itself or connect directly to mobile device with Job Link App.

### View Job Link® System Tools

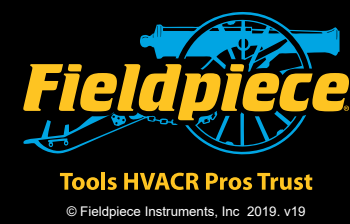


Simplify your call with the Job Link System. View live wireless air and pipe temps directly on the SMAN screen. Add the SRS3 wireless scale and view your refrigerant usage on your SMAN.

### Connect to Job Link 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. Helps to reduce call-backs and increase profits.



## Packed with Knowledge

The SM480V is designed to work the way you do with advanced features like data logging, system tightness test, direct connection to the Job Link App, and user customization.

### Customizable

- Adjust auto power off duration
- Adjust back light duration
- Set high and low vacuum alarms
- Favorite frequently used refrigerants

### Tightness Test

- Check for leaks after repairs or installations
- View pressure differential over time
- Timer tracks duration of test
- Temperature/pressure compensated to avoid false positives

### 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)
- Screen shuts down after three hours to save battery life
- Program intervals between 1 sec and 2 min

### Job Link® System Integration

- Live pipe and air temps with Job Link probes
- Monitor refrigerant weight directly on SMAN using SRS3 scale
- View measurements on SMAN and/or in Job Link App
- Direct 350' wireless range (no transmitter needed)



### What's Included

- SM480V SMAN Refrigerant Manifold (4 Port)
- (2) TC24 Type K Pipe Clamp Thermocouples
- (1) ATA1 Type K Bead Thermocouple w/Clip
- (1) ANC11 Padded Drawstring Case
- (1) Year Warranty



## SM480V



www.fieldpiece.com

SMAN™ Refrigerant Manifold and Micron Gauge

# SMAN™ Refrigerant Manifold and Micron Gauge SM480V



## Simply Strong

Years of knowledge and in-field use are the driving forces behind the SM480V's heavy duty construction. Extra rugged casing, reinforced hook, water resistance, and extra roomy padded hanging case ensure the latest SMAN manifolds withstand the rigors of field use.



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