

SMAN® REFRIGERANT MANIFOLDS WITH BUILT-IN VACUUM GAUGE

The Heart of the Job.

Taking the pulse of an HVACR system requires experience, precision and reliability – everything you can count on with the SMAN Refrigerant Manifolds.

SMAN measures, calculates and helps you diagnose with ease. View live pressure, temperature and vacuum readings on the large, 5-inch screen and connect your Job Link® wireless tools for a full system view on the display.



Designed Smart, Built Rugged.

The SM382V 3-port manifold and SM482V 4-port manifold condenses decades of HVACR expertise into a single, robust instrument, giving you the power to work easier, faster, and better.

- Loaded with over 70 refrigerants, including A2Ls
- Features an integrated vacuum gauge
- Made with heavy-duty casing, reinforced hook, protected thermocouple jacks and IP55 dust and water resistance
- Designed with low profile, lay-flat hose ports for added durability
- Includes hermetically sealed sight glass to see refrigerant flow and condition
- Runs a temperature compensated nitrogen pressure test, with timer
- Logs up to 168 hours of data
- Serves as a central data hub for Job Link® wireless tools and connects to the Job Link® System App
- Displays in 12 languages: English, Spanish, French, German, Italian, Portuguese, Dutch, Danish, Finnish, Swedish, Norwegian, Turkish
- Protected by an easy-open, soft case
- Optional, field replaceable accessories include ear caps (RSM82E) for a lower profile, and 5/16" hose parking mounts (RSM82H)

Your Command Center.

The SMAN® Refrigerant Manifolds offer a comprehensive HVACR system view in one place to streamline your job.

Measures

- Line pressures, pipe temperatures, dry bulb temperature and system vacuum

Calculates

- Superheat, subcooling, vapor saturation, liquid saturation and delta T
- Live target delta T and target evaporator exit temperature with Job Link tools*
- Temperature-compensated pressure differential for nitrogen pressure testing

Logs Data

- Store up to 9 jobs internally
- Log up to 168 continuous hours

Is Customizable

- Select the measurements to display
- Wireless on/off
- Set high and low vacuum alarms
- Field update with new refrigerants



* sold separately

Specifications	SM382V	SM482V
Vacuum Port: 3/8" for fast evacuations		✓
Refrigerant Recovery/Charging Port: 1/4"	✓	✓
Suction Line and Liquid Line Ports: 1/4"	✓	✓
Display: 5" (12.7 cm) LCD w/ backlight	✓	✓
Wireless Range: 1000' (305 m) line of sight	✓	✓
Data Port: USB-C for extracting data logs and updating firmware	✓	✓
Maximum Manifold Pressure: 870 Psig (6000 kPa)	✓	✓
Vacuum: 50 to 9999 microns	✓	✓
Temperature Measurement: -50° to 257° F (-46° to 125° C)	✓	✓
Operating Environment: 14° to 122° F (-10° to 50° C) at <75% RH	✓	✓
Storage Environment: -4° to 140° F (-20° to 60° C) at <80% RH (w/o batteries)	✓	✓
Power Source: (6) AA Batteries	✓	✓
Battery Life: 405 hrs (w/ backlight and wireless OFF)	✓	✓
Dimensions: 8.75" W x 8.5" H x 3.75"D	✓	✓
Weight: (w/ batteries and TC24 temp clamps)	3.9 lbs (1.8 kg)	4.6 lbs (2.1 kg)
Dust/Water Resistance Rating: IP55	✓	✓
Limited Warranty: 1 year	✓	✓