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SMANmkII

SMAN360

Digital Refrigerant Manifold and Vacuum Gauge

Test Tools HVACR Pros Trust

Fieldpiece

Integrated Micron Gauge!

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 SMAN360. The rugged new screen shows everything you need all at once: 2 pressures and 7 temperatures. View your calculated target superheat while monitoring, in real-time, how your charge is affecting actual superheat and subcooling. Take advantage of the convenience an internal micron gauge will give you. Do more with one tool.

SMAN360 Specs

Refrigerants	45 sorted by popularity		
Batteries	1.5V AA x 6		
Battery Life	350 hrs typical (without the backlight or motor pump)		
Connector Type	3x Standard 1/4 NPT, male flare fitting		
Measurement	Range	Best Accuracy*	Best Resolution
Pressure	0 to 580 psig	±1 psig @ 0.1	0.1 psig
Vacuum	29.92 in. Hg to 0 in. Hg	±0.2 in. Hg @ 1	0.1 in. Hg
Microns	0 to 9999	±1000 @ 500	100
Temperature	-50°F to 599.9°F	±1°F @ 0.1	0.1°F

*System accuracy (SMAN360) • Type K thermocouple after field calibration on SLT or LLT

Digital Refrigerant Manifold and Vacuum Gauge



SMAN360



Charge it Up or Pull it Down with One Tool

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

- 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.

- 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.
 - Receive free future product updates through Mini-USB port.
 - Pipe clamp storage posts.
 - Auto-Power-Off (APO).
 - NIST traceable.

- 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.



Watch the Video!



ANC16 Padded Drawstring Case

LATCH Type K Pipe Clamp Thermocouples



Temperature Solutions

Industry standard Type K thermocouples slide directly into the instrument. Calibration pots are easy to access for quick field calibration.



RIGHT STUFF

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.

Digital Refrigerant Manifold and Micron Gauge

NEW



Loaded Display

SMAN360



- Loaded Rugged Display**
- Pressures
 - Saturation Temperatures
 - Target Superheat
 - Pipe Temperatures
 - Superheat and Subcooling

- Evacuation Insight**
- Set high and low alarms
 - Get a feel for system tightness and size by monitoring how fast the vacuum is changing (microns per minute)
 - Time your evacuations

DO MORE

45 Factory Refrigerants Plus Free Updates via USB

R11, R113, R114, R12, R123, R1234YE, R124, R125, R13, R134A, R22, R23, R32, R401A (MP39), R401B, R409A, R409B, R409C, R409D, R409E, R409F, R407C, R407E, R408A, R408B, R410A, R410B, R410C, R410D, R410E, R410F, R410G, R410H, R410I, R410J, R410K, R410L, R410M, R410N, R410O, R410P, R410Q, R410R, R410S, R410T, R410U, R410V, R410W, R410X, R410Y, R410Z, R411A, R411B, R411C, R411D, R411E, R411F, R411G, R411H, R411I, R411J, R411K, R411L, R411M, R411N, R411O, R411P, R411Q, R411R, R411S, R411T, R411U, R411V, R411W, R411X, R411Y, R411Z, R412A, R412B, R412C, R412D, R412E, R412F, R412G, R412H, R412I, R412J, R412K, R412L, R412M, R412N, R412O, R412P, R412Q, R412R, R412S, R412T, R412U, R412V, R412W, R412X, R412Y, R412Z, R413A, R413B, R413C, R413D, R413E, R413F, R413G, R413H, R413I, R413J, R413K, R413L, R413M, R413N, R413O, R413P, R413Q, R413R, R413S, R413T, R413U, R413V, R413W, R413X, R413Y, R413Z, R414A, R414B, R414C, R414D, R414E, R414F, R414G, R414H, R414I, R414J, R414K, R414L, R414M, R414N, R414O, 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