



Professional-grade instruments  
for HVAC/R field service

### THE Digital Manifold for HVAC/R

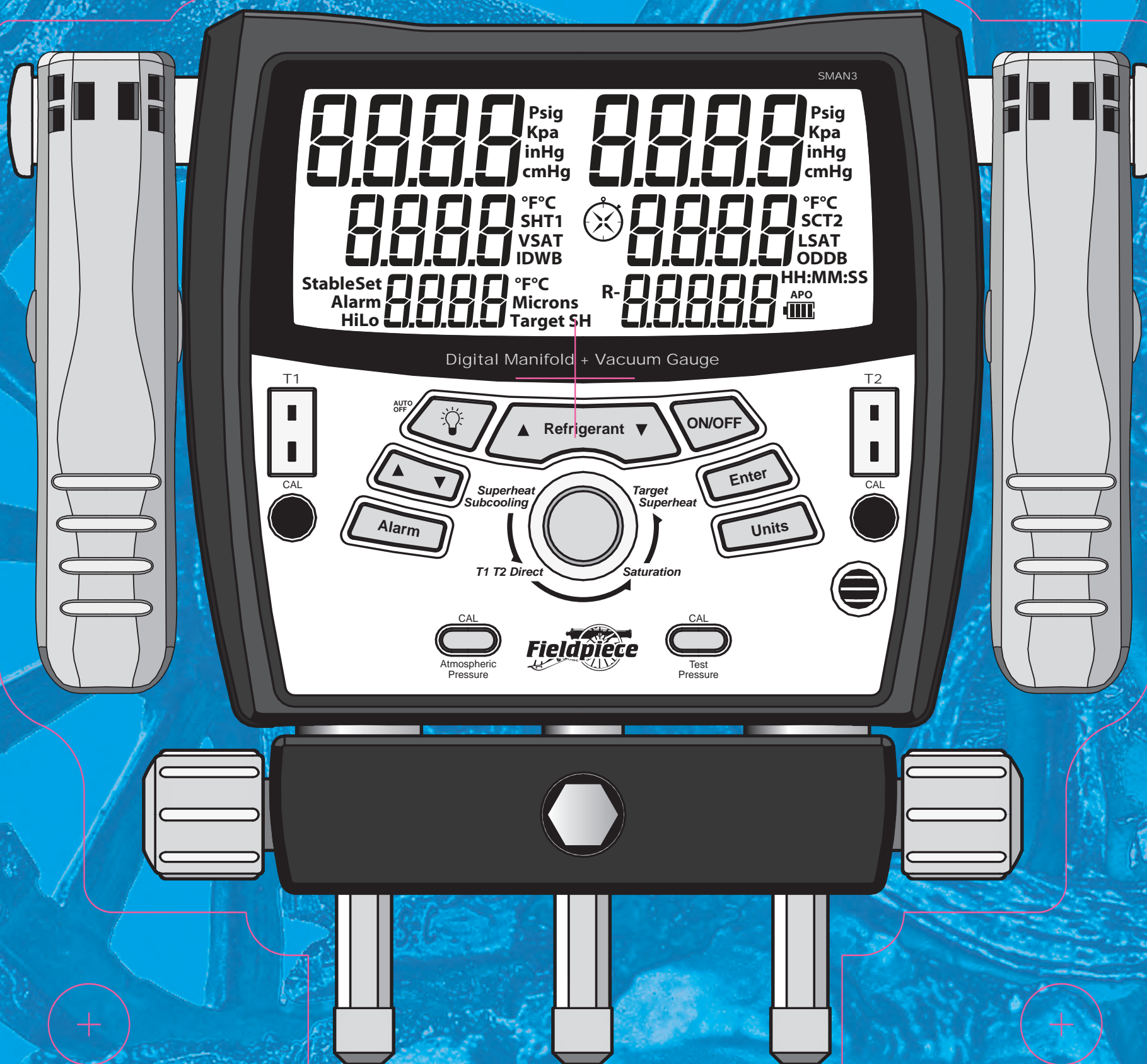
### Model SMAN3 Digital Refrigerant Manifold and Vacuum Gauge

- Measure liquid line and suction line pressure and temperature.
- Measure vacuum in microns.
- Loud vacuum alarms.

- Easy field calibration for pressure AND temperature.
- Highly accurate 2 point field pressure calibration.
- Center button cycles temps.

- Calculate TARGET superheat, real-time ACTUAL superheat and actual subcooling automatically.
- Thermocouple storage posts and easy calibration pots.

- Magnetic hook storage.
- Drawstring pouch.
- Auto off.



## Digital Manifold with Micron Gauge

We made the SMAN3 to make it easy for HVAC/R techs to quickly optimize the performance of air conditioners and refrigerations systems. It measures pressures and temperatures. It measures wet bulb for TARGET superheat calculations. It even measures vacuum in microns for proper system evacuations. It calculates TARGET superheat, ACTUAL superheat, and actual subcooling.

Temperature and pressure sensors are easily field calibratable. The BIG backlit widescreen display is viewable from 20 ft and impact resistant. The battery lasts 135 hours and has an auto-off feature. It's surrounded in rubber and comes with a protective 'hood-style' pouch. In other words, it's made for the HVAC/R field service tech.

Features	
Versatile	<ul style="list-style-type: none"> <li>Enough refrigerant tables (35+) to analyze the vast majority of systems installed around the world.</li> <li>Measures microns of mercury for pulling a vacuum.</li> <li>Use any K-type thermocouple with K-type mini plug.</li> <li>Ports are fully compatible with the premium hoses you already own.</li> </ul>
Safe	<ul style="list-style-type: none"> <li>800Psi max overload pressure.</li> </ul>
Easy to use	<ul style="list-style-type: none"> <li>Quick calibration of thermocouples and pressure.</li> <li>Select refrigerant, hook it up, view real-time SH/SC.</li> </ul>

## Functions for the HVAC/R Technician


Model SMAN3

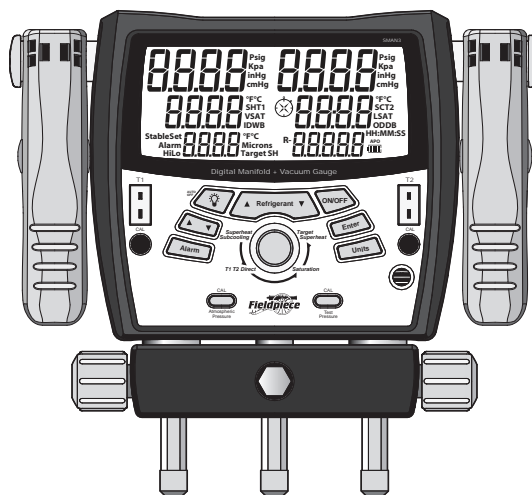
- Vacuum Gauge Alarms
- Pressure
- Real-time Superheat and Subcooling Simultaneously
- Target Superheat
- Direct T1 T2 Temperature
- Saturation Temperature
- Two Point Pressure Field Calibration

### Included

SMAN3, (2) ATC1 Pipe Clamp Thermocouples, ATWB1 Wet Bulb Thermocouple, ATA1 Thermocouple, Drawstring Pouch, Batteries, Operator's Manual

### Specifications

Parameter	Ranges	Accuracy	Best Resolution
Pressure	0Psig to 200Psig	±1Psi	0.1
	200Psig to 500Psig	±0.3%rdg + 1Psi	0.1
Vacuum	50 to 1000microns	±10% or ±10microns	1
°F	-76°~199.9°F	±1°F	0.1
	200°~999.9°F	±2°F	
Ports	3 x standard 1/4" male flare fitting		
Units	Psi, kPa, inHg, cmHg, °F, °C, microns		
Power	6 x AA, auto-power-off 30 minutes, can be disabled		
Battery Life	135 hours typical alkaline		



**Fieldpiece**  
Designed in USA  
MADE IN TAIWAN

Model: SMAN3



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