

WORKS WITH

All Apple iPhones 4S or newer & iPads Generation 3 or newer operating on iOS 6.0 or newer.

All Bluetooth Smart compatible Android phones & tablets with operating system 4.3 (Jelly Bean) or newer.

For a list of compatible Android phones please visit aabsmart.com/checkmyphone

SPECIFICATIONS

Weight .2 lbs

Dimensions 5.2" x 2.5" x 0.7" HWD

WARRANTY

The SPM-100 comes with a one year warranty from the time of purchase.

Warranty does not cover items that have been altered or abused. Please visit www.aabsmart.com/support for product service or to process a potential warranty claim.

WHERE TO PURCHASE

This product is available at local HVAC wholesale distributors. For a list of local distributors please visit www.AABsmart.com.



SPM-100

The SPM-100 Smartphone Static Pressure Meter is a powerful and accurate dual port manometer that fits in your pocket. The SPM-100 performs all of the functions of traditional handheld dual port manometers plus a many more features and advantages by harnessing the power of smartphone processors. The meter also includes a complimentary app that provides onscreen guidance to assist the user in taking complex measurements.



The SPM-100 connects seamlessly and immediately to smartphones and tablets utilizing Bluetooth Smart technology. Bluetooth Smart (also known as Bluetooth LE/Low Energy) connects over 20 times faster than traditional Bluetooth devices without a complicated pairing process and uses a fraction of the power for long battery life.

The SPM-100 walks the user through several tests with onscreen guidance including:

- Static Pressure
- Pressure Differential
- Indoor vs. Outdoor Pressure
- System External Static Pressure

The SPM-100 automatically imports local weather data based on the smart device GPS location to automatically calibrate and improve the accuracy of measurements.

Features

- Free app that connects the meter to your smartphone
- Onscreen guidance that makes it easy to take accurate readings
- Ruggedized housing with magnetic back for handsfree operation
- Emails professional detailed reports from within the app to enhance professionalism and validate work performed

Technical Data

Operational temperature range: -40°F to +185°F (-40°C to +85°C)
 Operational temperature range full accuracy: -32°F to +149°F (0°C to +65°C)
 Power: Panasonic 3.6V, CR 2450 Coin Cell Lithium Battery
 Battery Life: >500 hours
 Auto power off 30 seconds after closing or minimizing app or no connection
 Units of Measure: inWC, inHg, psi, mmWC, mmHg, Pa, kPa, mBar
 Resolution: 0.004 inWC
 Pressure range: ±75 inWC
 Dual Ports for rubber tubing 1/8" ID
 Accuracy 0 to 65°C (32 to 149°F): typical .04 inWC



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