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.

SPE M-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 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
Absolute Accuracy 0 to 65°C (32 to 149°F): typical .4 inWC

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