# Blü-Test<sup>™</sup> - Bluetooth<sup>®</sup> Testing Probe Suite

Accessories for HVAC/R

Rev. 10/15/18



#### Features & Options

- Handheld Bluetooth Probes with Local OLED Display
- Connect Up to 6 Probes at Once
- Temperature, Humidity and Differential Pressure Units
- Communicates with Android or iOS Smart Phone or Tablet Automatically

Blü-Test is a suite of handheld testing probes that interface via Bluetooth LE to the user's enabled Android or iOS Smart Phone or Tablet. Each probe comes with a National Institute of Standards and Technology (NIST) traceable certificate of calibration.

Blü-Test is simple to use. Just start up the app on your smart



Blü-Test App Screen

phone or tablet and touch-select the probe to sync Bluetooth communication. Multiple points can be logged, graphed or emailed. The logs are saved on the probe and the app and can be emailed for easy insertion into commissioning reports. Measurements are also shown on the handheld probe's local OLED display for convenience.

Blü-Test can take readings and store the data in its internal memory when the smart phone or tablet is out of range. The data is then uploaded to the app when the phone or tablet is back in range.



**Blü-Test Suite of Testing Probes** (Units on the right shown with included removable duct cone for hands-free measuring in ducts.)

### Blü-Test Base and Probe Specifications

Power: 3.7V, 2,600 mAh Rechargeable Battery (charging cable included)

**Environmental Range:** 

Unit's Base ......-22 to 158°F (-30 to 70°C) Temperature Probes .....-40 to 185°F (-40 to 85°C) %RH Probe...... 5 to 95% Non-condensing Differential Pressure Probe ... -4 to 158°F (-20 to 70°C)

**Measurement Range:** 

Temperature ......-40 to 185°F (-40 to 85°C) %RH ...... 20 to 80% Non-condensing

Differential Pressure ...... Low Range: -1 to +1" WC (-250 to +250 Pascal)

Standard Range: -5 to +5" WC (-1,250 to +1,250 Pascal)

**Typical Accuracy:** 

Temperature ...... ±0.54°F@77°F (±0.3°C@25°C)

%RH ..... ±2%RH@77°F (25°C)

Differential Pressure ...... Low Range: ±0.25% of FS Span, -1 to +1" WC (-250 to +250 Pascal)

Standard Range: ±0.25% of FS Span, -5 to +5" WC (-1,250 to +1,250 Pascal)

Specific Accuracy: ...... See the provided NIST certificate

Communication: ...... Bluetooth LE, Class 2 v4.2

Data Transfer: ...... Updates to display every 10 seconds Agency: ......RoHS, CE, NIST traceable certificate

FCC ID: ..... Contains FCC ID 2AA9B04





## Blü-Test<sup>™</sup> - Bluetooth<sup>®</sup> Testing Probe Suite

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### Ordering Information

Part Number Description
BA/BT-TPBlü-Test Temperature, 4" length piercing, 1/8" diameter (10.2 cm x .32 cm)
BA/BT-TA Blü-Test Temperature, 6" length, 1/4" diameter (15.3 cm x .64 cm)
BA/BT-TB Blü-Test Temperature Probe, 9.5" length, 1/4" diameter (24.2 cm x .64 cm)
BA/BT-TH Blü-Test Temp/Humidity Probe, 8" length, 3/8" diameter (20.3 cm x .95 cm)
BA/BT-DPLR Blü-Test Differential Pressure, Low Range, -1 to +1" WC (-250 to +250 Pascals)
BA/BT-DPSR Blü-Test Differential Pressure, Standard Range, -5 to +5" WC (-1,250 to +1,250 Pascals)

See end of Section E for list pricing.

#### Blü-Test App Specifications

Application Program: \*Android OS 4.4 (SDK19) or Apple iOS 9 or higher required

Display: Display on probe or device

Measured Data.....Temp. (°F/°C), Temp. & %RH or Differential Pressure (inches WC or Pascals)

Time Stamp ...... Date and 24 hour time

Location ...... Uses location of smart phone or tablet Save ...... Saves current data, time & location

Log.....Show trend data on screen

Email.....Sends data log to any email address

Note: A user supplied Android or iOS device is required to retrieve logged data.

