



## Features & Options

- NIST\* traceable test instruments for temperature, relative humidity and differential pressure
- Data logging and Bluetooth communication with Android or iOS smart devices
- Local OLED display for immediate readings
- Logs are easily emailed for use in commissioning, troubleshooting or comparing against the BAS
- Each probe stores up to 300 hours of continuous logging in its internal memory



Blü-Test  
App Screen

**Blü-Test Suite of Testing Probes**  
(3 probes on the right are shown with Duct Cone for measuring in a duct.)



## 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

Pressure Probe.....-4 to 158°F (-20 to 70°C)

### Measurement Range:

Temperature .....-40 to 185°F (-40 to 85°C)

%RH .....0 to 100% 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)

### Accuracy - Temperature Only Probes:

Temperature .....±0.18°F from -13 to 167°F (±0.1°C from -25 to 75°C)

### Accuracy - Temp/Humidity Probes:

Temperature .....±0.36°F at 77°F (±0.2°C at 25°C)

%RH .....±1%RH at 77°F (25°C) from 10 to 85%RH

### Accuracy - Differential Pressure Probes:

Low Range .....±0.25% of FS Span, -1 to +1" WC (-250 to +250 Pa) at 77°F (25°C)

Standard Range .....±0.25% of FS Span, -5 to +5" WC (-1,250 to +1,250 Pa) at 77°F (25°C)

**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





### Ordering Information

**Part Number**   **Description**

- BA/BT-TP** .....Blü-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 Pa)
- BA/BT-DPSR**...Blü-Test Differential Pressure, Standard Range, -5 to +5” WC (-1,250 to +1,250 Pa)
- BA/BT-HVAC-CASE** .....Carrying case for Blü-Test probes, holds up to six probes
- BA/BT-HVAC-BUNDLE** ....All probes listed above in a carrying case

- BA/BT-A-RECERT** .....Recertification of Blü-Test Temperature Only Probe
- BA/BT-B-RECERT** .....Recertification of Blü-Test Temp/Humidity Probe
- BA/BT-C-RECERT** .....Recertification of Blü-Test Differential Pressure Probe

- BA/BT-A-REFURB** .....Refurbishment of Blü-Test Temperature Only Probe
- BA/BT-B-REFURB** .....Refurbishment of Blü-Test Temp/Humidity Probe
- BA/BT-C-REFURB** .....Refurbishment of Blü-Test Differential Pressure Probe

(Refurbishment includes replacement of battery and probe.)

*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.



The Blü-Test App is available for download at Google Play and the App Store.



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