



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 8 months of continuous logging or up to 32 log files in its internal memory



Blü-Test
App Screens

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:

Probe Body -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 @ -40 to 158°F (-40 to 70°C)

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

Measurement Range:

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

%RH 5 to 95% Non-condensing @ -40 to 158°F (-40 to 70°C)

Differential Pressure ... Low Range: -1 to +1" WC (-250 to +250 Pascal) @ -4 to 158°F (-20 to 70°C)

Standard Range: -5 to +5" WC (-1,250 to +1,250 Pascal) @ -4 to 158°F (-20 to 70°C)

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)

Burst Pressure - Differential Pressure Probes:

Low Range 415" WC (103 kPa) • Standard Range 500" WC (124 kPa)

Communication: Bluetooth LE, Class 2 v4.2

Data Logging: 10 second intervals

Agency: RoHS, CE, NIST traceable certificate

FCC ID: Contains FCC ID 2AA9B04





Submittal sheets without List Prices are available on our website at www.bapihvac.com



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 Diff. 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.)

Blü-Test App Specifications

- Application Program:** Android OS 4.4 (SDK19) or Apple iOS 10 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 Shows trending 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.

*NIST is the National Institute of Standards and Technology



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



Google Play and the Google Play logo are trademarks of Google LLC
Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries and regions. App Store is a service mark of Apple Inc.

