Blü-Test - Wireless Test Instruments

Test Instruments Rev. 06/18/21





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 a million readings



Blü-Test Suite of









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)

%RH5 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:

Communication:Bluetooth LE, Class 2 v4.2

Data Logging:10 second intervals

Agency:RoHS, CE, NSF, NIST Traceable Certificate

FCC ID:Contains FCC ID 2AA9B04







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Test Instruments

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-CASECarrying case for Blü-Test probes, holds up to six probes

BA/BT-HVAC-BUNDLE .. All probes listed above in a carrying case

BA/BT-TP-RECERT...... Recertification of Blü-Test Temperature, 4" length piercing probe

BA/BT-TA-RECERT...... Recertification of Blü-Test Temperature, 6" length probe **BA/BT-TB-RECERT**...... Recertification of Blü-Test Temperature, 9.5" length probe

BA/BT-TH-RECERT...... Recertification of Blü-Test Temp/Humidity Probe

BA/BT-DPLR-RECERT... Recertification of Blü-Test Low Range Differential Pressure Probe

BA/BT-DPSR-RECERT... Recertification of Blü-Test Standard Range Differential Pressure Probe

BA/BT-TP-REFURB Refurbishment of Blü-Test Temperature, 4" length piercing probe

BA/BT-TA-REFURB Refurbishment of Blü-Test Temperature, 6" length probe

BA/BT-TB-REFURB Refurbishment of Blü-Test Temperature, 9.5" length probe

BA/BT-TH-REFURB Refurbishment of Blü-Test Temp/Humidity Probe

BA/BT-DPLR-REFURB .. Refurbishment of Blü-Test Low Range Differential Pressure Probe

BA/BT-DPSR-REFURB .. Refurbishment of Blü-Test Standard Range Differential Pressure Probe

(Refurbishment includes replacement of battery and probe.)

Gray shaded items follow the Buy and Resale Multiplier.

Blü-Test App Specifications

Application Program: Android OS 5.1 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

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.





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