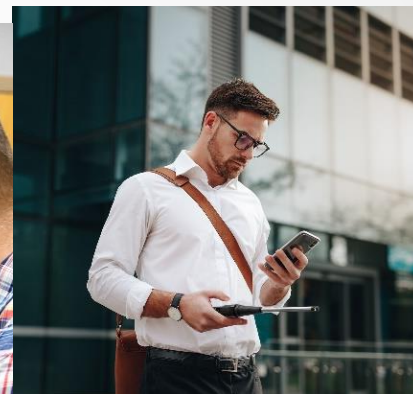


BAPI 
Blü-Test
TEST INSTRUMENT SUITE

NIST traceable test instruments for temperature, relative humidity, and differential pressure.
Data-logging with wireless smart device communication.



WHAT IS BLÜ-TEST?



BLÜ-TEST

- All-In-One test instruments
- Forget about cords, meters, or separate data loggers!
- No pairing – App detects any probes in range
- Each probe stores up to a millions readings!
- Power: 3.7V, 2,600 mAh rechargeable battery. Charging cable included. Minimum 10-days of data logging on probe.
- Data logging on probe or app. is fixed at 10 second intervals.
- 5-year warranty



BLÜ-TEST

- Each probe is calibrated with National Institute of Standards and Technology (NIST) traceable equipment. Certificates of calibration are included.
- Test data is available immediately on the probe's OLED display or sent to the user's smart device. Updated continuously.
- Data is stored in its internal memory, or can be downloaded to the app when the phone or tablet comes within range of the sensor.



BLÜ-TEST

- The data points can be:
 - logged
 - graphed
 - emailed
- Blü-Test units are sold individually, or as a bundle in a handy carrying case.
- Blü-Test app available on Google Play™ or the App Store®.
- Android OS 4.4 (SDK19) or Apple iOS 10 or higher required.



BLÜ-TEST

Wireless Test Instruments

- Probes included in the suite:



BLÜ-TEST

Wireless Test Instruments

- Probes included in the suite:
 - Low Range Pressure



BLÜ-TEST

Wireless Test Instruments

- Probes included in the suite:
 - Low Range Pressure
 - Standard Range Pressure



BLÜ-TEST

Wireless Test Instruments

- Probes included in the suite:
 - Low Range Pressure
 - Standard Range Pressure
 - 4" (100mm) Piercing Temperature



BLÜ-TEST

Wireless Test Instruments

- Probes included in the suite:
 - Low Range Pressure
 - Standard Range Pressure
 - 4" (100mm) Piercing Temperature
 - 6" (150mm) Temperature



BLÜ-TEST

Wireless Test Instruments

- Probes included in the suite:
 - Low Range Pressure
 - Standard Range Pressure
 - 4" (100mm) Piercing Temperature
 - 6" (150mm) Temperature
 - 8" (200mm) Temperature/Humidity combination



BLÜ-TEST

Wireless Test Instruments

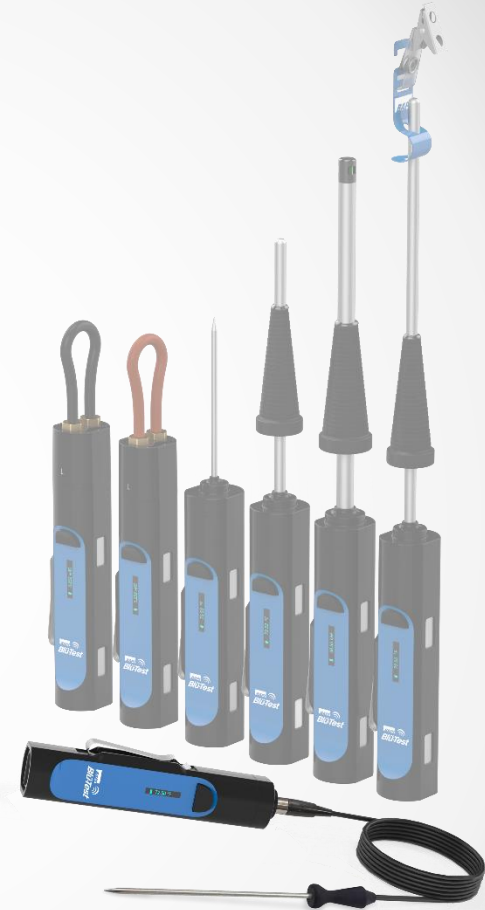
- Probes included in the suite:
 - Low Range Pressure
 - Standard Range Pressure
 - 4" (100mm) Piercing Temperature
 - 6" (150mm) Temperature
 - 8" (200mm) Temperature/Humidity combination
 - 9.5" (240mm) Temperature



BLÜ-TEST

Wireless Test Instruments

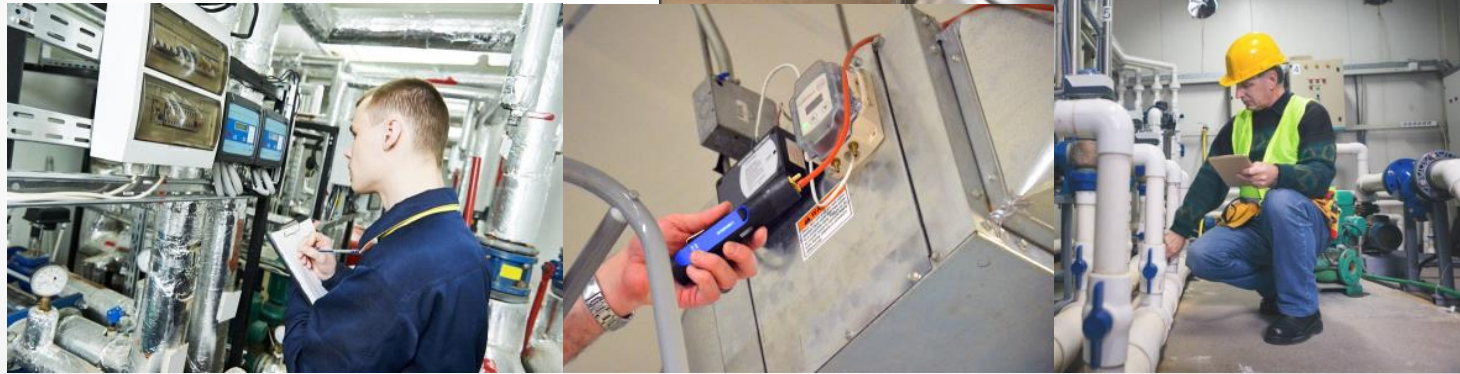
- Probes included in the suite:
 - Low Range Pressure
 - Standard Range Pressure
 - 4" (100mm) Piercing Temperature
 - 6" (150mm) Temperature
 - 8" (200mm) Temperature/Humidity combination
 - 9.5" (240mm) Temperature
 - Remote Probe Body & Temp Piercing



BLÜ-TEST USAGE

Who will find the most value?

- Commissioning Agents/ Engineers
- Facility Managers
- Installation Technicians
- HVAC Controls Contractors
- Mechanical Engineers
- Controls Technicians



BLÜ-TEST USAGE

Common Situations for Blü-Test

- Pre-Commissioning System Review
- Commissioning Agent/Engineer Evaluations
- Ongoing General Maintenance: Tech Applications, Controls Monitoring and Analysis
- Equipment Installation Validation
- System Trouble Shooting





Multi-function button



Belt clip



Sealed piercing tip



Adjustable duct cone
for hands free measuring
in ducts

OLED display



Rechargeable
lithium-ion
battery on back



Sealed probes can be
used in liquids



Open tip for measuring
temperature and humidity



D-ring clips
on bottom of
probes



Hanging clips
provided



Magnetic side panel



BLÜ-TEST PROBES

Button presses allow you to cycle through different displays including:

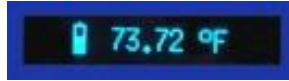
BAPI part number



Logging notification



Degrees Fahrenheit



Firmware version



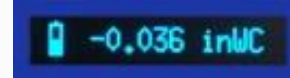
Product ID



Degrees Celsius



Inches of water column readings



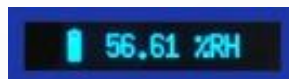
Probe type identification



Battery charge level



Humidity level



Pascal readings



ENVIRONMENTAL / MEASUREMENT RANGES

Environmental Range

Probe Body.....-22 to 158°F (-30 to 70°C)

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

Temp./RH Probe5 to 95% Non-condensing @ -40 to 158°F (-40 to 70°C)

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

Measurement Range

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

Temp./RH Probe.....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)



SYSTEM ACCURACY SPECIFICATIONS



8" (200mm) Temp/Hum Probe

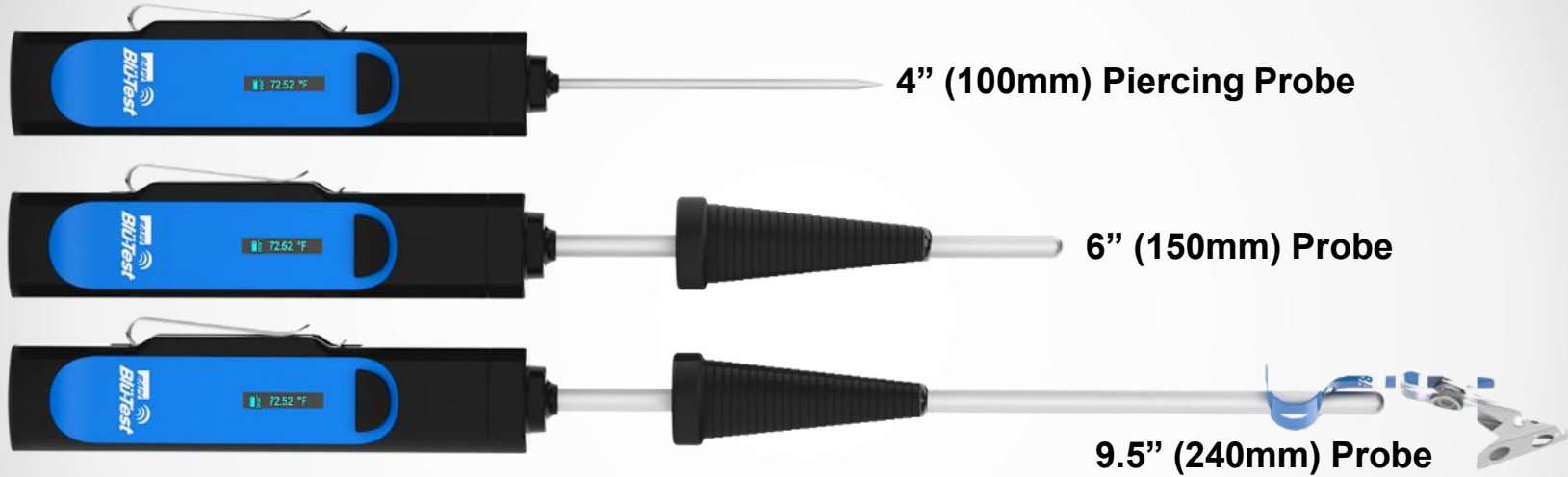
Minimum Calibrated Accuracy

Temperature..... $\pm 0.36^{\circ}\text{F}$ at 77°F ($\pm 0.2^{\circ}\text{C}$ at 25°C)

%RH..... $\pm 1\% \text{RH}$ at 77°F (25°C) from 10 to 85%RH

Blü-Test Temperature and Humidity Combination Probe

SYSTEM ACCURACY SPECIFICATIONS



Minimum Calibrated Accuracy

Temperature..... $\pm 0.18^{\circ}\text{F}$ from -13 to 167°F ($\pm 0.1^{\circ}\text{C}$ from -25 to 75°C)

Blü-Test Temperature Only Probes

SYSTEM ACCURACY SPECIFICATIONS



Differential Pressure Low Range (black hose)



Differential Pressure Standard Range (red hose)

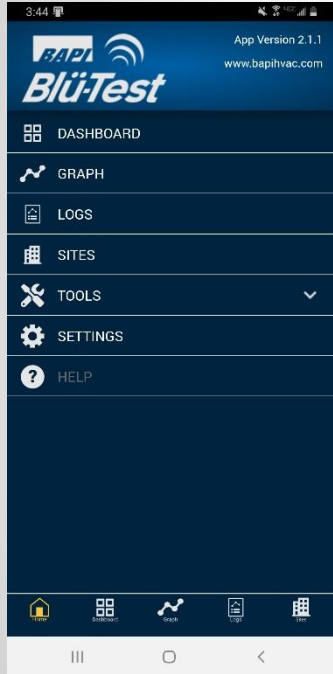
Minimum Calibrated Accuracy

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

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

Blü-Test Differential Pressure Probes

BLÜ-TEST APP



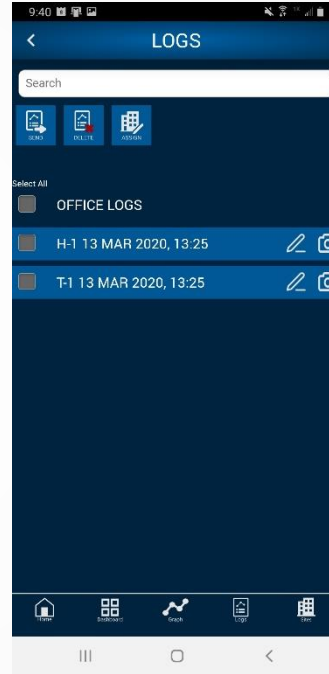
Home



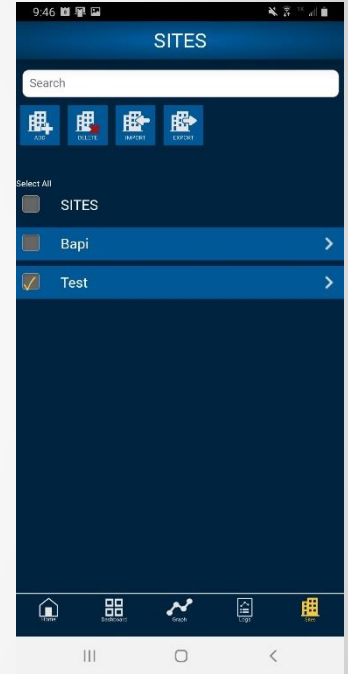
Dashboard



Graph



Logs



Sites

BLÜ-TEST APP

The Blü-Test app lets you:

- Organize your data by preloaded sites and locations
- View the data as a graph or trend
- Email the logs to your computer for insertion into your software or report.
- No more hand recording!

