

BlueProbe

Bluetooth Probe Deflection Gauge



BlueProbe is a compact, durable Bluetooth probe gauge delivering high-accuracy displacement and deflection measurements with a fast data rate. It features a powerful built-in BLE transmitter, providing precise wireless measurement for a range of industrial applications.

BlueProbe streams measurements wirelessly to smartphones, tablets, or Windows PCs over distances up to 300ft, and multiple probes can operate simultaneously, enabling synchronized measurements at different locations. The system can also seamlessly integrate with other sensor types for advanced multi-sensor applications.

BlueProbe also logs data internally. Users can start data logging on the device and return later to view all measurements stored in onboard memory in a single batch. This is great for applications where it's inconvenient to keep a smart device or PC connected, or where wireless connectivity may be difficult to maintain during long sessions of data collection.



BlueProbe Specification	PR1-0103	PR1-0104
Measurement Range	0.4" (10mm)	
Resolution	0.00005" (0.001mm)	0.000005" (0.0001mm)
Accuracy	1.7µm	1µm
Data Transmission Range	330ft (100m)	
Data Rate	Up to 66 Hz	
Dimensions (Incl. Plunger)	5.45" (138mm) x 1.53" (38.9mm) x 1.52" (38.6mm)	
Stem Holding Diameter	0.31" (8mm)	
Probe Tip Thread Size	M2.5	
Working Temperature	32 to 122°F (0 to 50°C)	
Dust/Water Resistance	IP66	
Battery	Rechargeable LiPo Battery	
Battery Life	10 Hours	
Charging Time	2.5 Hours	
Onboard Data Logging	Yes	

More Features with FREE MultiGage Software*

- Simultaneous reading of multiple devices
- Data plotting on iPhone/iPad/Android
- Continuous or single data point recording
- Max, Min, TIR measurement
- Remote zeroing from the app
- GO/NG judgment with green/red color indication
- Custom formula calculator
- Large analog probe meter with adjustable range
- Data saving in local database
- Data export in CSV via email and cloud drives
- Keyboard entry to Excel or SPC software on PC
- Apple Watch support



**MultiGage Cloud

Users can view and record readings from anywhere with our browser-based remote monitoring platform, MultiGage Cloud. Create custom dashboards, set alerts, receive notifications, and record readings remotely by connecting gauges wirelessly to our Cloud gateway. Connect up to an unlimited amount of sensors at once. MultiGage Cloud is a paid platform.

**Availability of features varies between apps/platforms.

Motionics, LLC
Austin, TX 78757

www.motionics.com info@motionics.com

The software & hardware can be customized.
Contact Motionics for details.

© 2025 Motionics, LLC. All rights reserved.

Scan to see
product page

