Wireless Bore Gauge Set

Motionics, LLC

Motionics Wireless Bore Gauge Set combines a Bluetooth dial indicator BlueDial/BlueDial-LT with a high-quality bore gauge set to minimize human error and measurement time and increase accuracy.

The wireless BlueDial/BlueDial-LT indicator measures anvil movements and wirelessly transmits readings to a paired mobile device continuously. In our MultiGage Reader app, the user can set the gauge in peak hold mode to automatically capture max/min value in calibration and real measurement. MultiGage also offers a custom calculator feature to let the user create a custom gauge to include a preset value in calculation to directly convert deviation measurement to real ID value. The GO/NG judgment feature can be enabled to directly display accept/reject result based on user-entered limits. The robust bore gauge set utilizes a two-point contact system to detect geometry problems such as ovality and taper, and carbide-tipped contact points offer extended wear and improved abrasion resistance.

A wireless BlueDial/BlueDial-LT dial indicator can be added to your existing bore gauge set to make your set a wireless turnkey bore gauge solution.

Analog gauge   Wireless BlueDial gauge

Features

- Fullscreen digital and analog readout
- Tolerance input option with red/green indicator
- Data recording and saving
- Easy calibration with auto-max and -min detector
- Compatible with both millimeter and inch bore gauge sets

Bluetooth Low Energy

Multi-platform software capability

Full-screen digital/analog display with tolerance

Max/min peak holding

Data saving

Wireless Bore Gauge Set	Specification
Measurement Range	2"-6"
Resolution	0.0005" (BD10-783, BDLT-102), 0.0001" (BD10-793), 0.00005" (BDLT-103)
Accuracy	0.0008" (BD10-783), 0.00012" (BD10-793), 0.002" (BDLT-102), 0.0004" (BDLT-103)
Wireless Data Transmission Rate	10 Hz (BD10-783, BD10-793), 8 Hz (BDLT-102, BDLT-103)
Wireless Date Transmission Range	up to 20 m (indoors)/30 m (outdoors)
Battery	400 mAh rechargeable
Battery Usage Life	50 hrs

More Features with our FREE Apps/Software*

- Wireless dial readings on mobile device
- Max value peak hold in calibration
- Min value peak hold in measurement
- Custom calculator to enter preset value
- GO/NG judgment with color indication and user-defined tolerance
- Large analog probe meter with adjustable range
- Data capturing and saving in local database
- Data export in CSV via email and cloud drives

Availability of features varies between apps/platforms.