

Wireless Bore Gauge Set



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



Bluetooth Low Energy



Multi-platform software capability



Full-screen digital/analog display with tolerance



Max/min peak holding



Data saving



Remote cloud monitoring**



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 Data Transmission Range	up to 20 m (indoors)/30 m (outdoors)
Battery	400 mAh rechargeable
Battery Usage Life	50 hrs

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.

