

# MIDLAND METROLOGY LTD

## Bore Gauges

### **Electronic Digital Bore Gauge**



These gauges are suitable for measuring hole diameters and detecting ovality and tapers in bores.

#### Key Features

- Designed for accurate bore measurement to ensure tight tolerance control
- Enables detection and correction of ovality and taper during machining operations
- Ideal for assessing internal dimensions of engine components and other precision assemblies
- Helps identify wear and confirm components remain within serviceable limits
- Equipped with a spring-loaded centralizing mechanism for accurate alignment and true diameter measurement
- Supplied with a wide range of anvils featuring large radii to support high repeatability within close tolerances
- Features a large LCD display with digital readout and auto power-off functionality
- Dual measurement units: easily switch between metric (mm) and imperial (inch) scales
- Includes data output capability for measurement logging and digital integration
- Zero reset function for quick re-referencing
- Multiple measurement modes: Data Hold, and Fast Search for maximum and minimum values (*feature availability may vary*)
- Built to withstand tough environments—shock-resistant and dust-proof
- Battery included—ready for immediate use out of the box

Product	Specification
Digital Bore Gauges, Range 6-10mm	Range: 6-10mm / Resolution: 0.001mm/0.0005in / Stem Length: 36mm
Digital Bore Gauges, Range 10-18mm	Range: 10-18mm / Resolution: 0.001mm/0.0005in / Stem Length: 50mm
Digital Bore Gauges, Range 18-35mm	Range: 18-35mm / Resolution: 0.001mm/0.0005in / Stem Length: 128mm
Digital Bore Gauges, Range 35-50mm	Range: 35-50mm / Resolution: 0.001mm/0.0005in / Stem Length: 163mm
Digital Bore Gauges, Range 50-160mm	Range: 50-160mm / Resolution: 0.001mm/0.0005in / Stem Length: 212mm
Digital Bore Gauges, Range 160-250mm	Range: 160-250mm / Resolution: 0.001mm/0.0005in / Stem Length: 314mm
Digital Bore Gauges, Range 250-450mm	Range: 250-450mm / Resolution: 0.001mm/0.0005in / Stem Length: 500mm

## Dial Bore Gauges (Metric/Imperial)



These gauges are suitable for measuring hole diameters and detecting ovality and tapers in bores.

### Key Features

- Provides precise bore measurements to maintain strict dimensional tolerances
- Identifies and helps correct ovality and taper during machining operations
- Suitable for inspecting internal dimensions of engine components and precision assemblies
- Detects component wear and verifies whether parts remain within acceptable service limits
- Features a spring-loaded centralizing mechanism to ensure accurate alignment and true diameter measurement
- Supplied with a broad selection of large-radius anvils to enable high repeatability and close-tolerance measurements

Product	Specification
Dial Bore Gauge, Range 6-10mm	Range: 6-10mm / Graduation: 0.01mm / Stem Length: 40mm
Dial Bore Gauge, Range 10-18mm	Range: 10-18mm / Graduation: 0.01mm / Stem Length: 100mm
Dial Bore Gauge, Range 18-35mm	Range: 18-35mm / Graduation: 0.01mm / Stem Length: 125mm
Dial Bore Gauge, Range 35-50mm	Range: 35-50mm / Graduation: 0.01mm / Stem Length: 150mm
Dial Bore Gauge, Range 50-160mm	Range: 50-160mm / Graduation: 0.01mm / Stem Length: 150mm
Dial Bore Gauge, Range 160-250mm	Range: 160-250mm / Graduation: 0.01mm / Stem Length: 400mm
Dial Bore Gauge, Range 250-450mm	Range: 250-450mm / Graduation: 0.01mm / Stem Length: 400mm
Dial Bore Gauge, Range 0.24-0.4in	Range: 0.24-0.4in / Graduation: 0.0005in / Stem Length: 1.57in
Dial Bore Gauge, Range 0.4-0.7in	Range: 0.4-0.7in / Graduation: 0.0005in / Stem Length: 4in
Dial Bore Gauge, Range 0.7-1.5in	Range: 0.7-1.5in / Graduation: 0.0005in / Stem Length: 5in
Dial Bore Gauge, Range 1.4-2.4in	Range: 1.4-2.4in / Graduation: 0.0005in / Stem Length: 6in
Dial Bore Gauge, Range 2.0-6in	Range: 2.0-6in / Graduation: 0.0005in / Stem Length: 6in
Dial Bore Gauge, Range 6.0-10in	Range: 6.0-10in / Graduation: 0.0005in / Stem Length: 16in
Dial Bore Gauge, Range 10-16in	Range: 10-16in / Graduation: 0.0005in / Stem Length: 16in