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## **DIGITAL DIAL GAUGE AZA1077**

The AZA1077 Digital Dial Gauge from AZALAB is a high-precision electronic measuring instrument designed to accurately measure linear displacement, deflection, runout, and dimensional variation. Featuring a clear LCD display, it eliminates manual reading errors and parallax issues associated with analog gauges, ensuring faster, more reliable, and highly repeatable measurements.

Engineered for demanding environments such as quality control, laboratories, machining, and geotechnical testing, AZA1077 combines precision, ease of use, and digital functionality for modern measurement applications.

### **Key Features**

- Clear Digital LCD Display

Large, easy-to-read screen providing instant numerical readings.

- High Resolution & Accuracy
- Resolution up to 0.01 mm / 0.0005 inch with excellent repeatability.

Zero-Set Function

- Allows resetting the display at any position for relative or incremental measurements.

Metric / Imperial Conversion

- Quick switching between mm and inch units.





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**TECHNICAL SPECIFICATIONS**

<b>Parameter</b>	<b>Specification</b>
Model	AZA1077
Measuring Range	0 – 12.7 mm (0.5")
Resolution	0.01 mm / 0.0005 inch
Accuracy	±0.02 mm
Display	Digital LCD (5-digit)
Units	mm / inch (switchable)
Contact Point	Hardened Steel (Replaceable)
Spindle Movement	Smooth, spring-loaded
Mounting Type	8 mm Stem / Back Lug
Power Supply	1.5V Button Cell (LR44 / SR44)
Auto Shut-Off	Yes (5–10 minutes inactivity)
Data Output	Optional (SPC / USB / RS-232)
Housing Material	ABS Plastic
Operating Environment	Laboratory / Industrial / Workshop