



UNIVERSE DIAL GAUGE AZA1076

The AZA1076 Dial Gauge from AZALAB is a high-precision mechanical measuring instrument designed to detect minute linear displacements, alignment errors, and dimensional deviations. Widely used in precision engineering, laboratories, quality control, and manufacturing environments, it provides accurate and repeatable measurements without the need for electronic components or external power.

Built on a robust rack-and-pinion mechanism, AZA1076 converts small linear movements into clear rotational dial readings, enabling quick and reliable interpretation of measurement variations in both laboratory and shop-floor conditions.

Key Features

High-Resolution Analog Display

- Fine graduation of 0.01 mm for precise measurement of small displacements.

Clear & Readable Dial

- Large dial face ensures easy and quick visual interpretation.

Anti-Backlash Mechanism

- Precision gearing minimizes hysteresis and ensures consistent repeatability.

Shock-Resistant Construction

- Durable housing protects internal components from impact and harsh environments.





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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1076
Measuring Range	0 – 10 mm (Model Dependent)
Least Count	0.01 mm
Dial Diameter	55 – 60 mm
Accuracy	As per industry standards
Contact Point	Hardened Stainless Steel
Spindle Movement	Spring-loaded, smooth travel
Mounting Type	Lug Back / 8 mm Stem
Housing Material	ABS Plastic / Metal
Power Requirement	Not Required
Usage Environment	Laboratory / Workshop / Industrial / QA
Parameter	Specification
Model	AZA1076
Measuring Range	0 – 10 mm (Model Dependent)