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THICKNESS GAUGE AZA0970

The AZA0970 Thickness Gauge is a precision measuring instrument designed for accurate determination of material and coating thickness across a wide range of substrates, including metals, plastics, rubber, films, and painted surfaces. Engineered for both laboratory and field applications, the AZA0970 delivers fast, reliable, and repeatable measurements, making it an essential tool for quality control, inspection, and compliance verification across multiple industries.



Key Functional Features

High-Precision Measurement

- Accuracy up to $\pm 1\%$ or better
- Stable and repeatable readings

Dual Display Options

- Analog dial (robust and simple)
- Digital LCD (advanced functionality)

Fast Response Time

- Instant measurement with minimal delay

Compact & Portable Design

- Lightweight and pocket-sized
- Suitable for field inspections

Easy Calibration & Zeroing

- Simple setup using calibration foils
- Ensures consistent accuracy

Multi-Function Digital Interface (Digital Models)

- Unit conversion (μm / mils / mm)
- Memory storage (select models)
- Auto power-off



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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA0970
Measurement Range	0 – 10 mm (mechanical) / 0 – 1500 μm (digital)
Accuracy	$\pm 1\%$ or better
Resolution	0.01 mm / 1 μm
Measurement Methods	Magnetic, Eddy Current, Mechanical
Display	Analog Dial / Digital LCD
Units (Digital)	μm / mils / mm
Power Supply	CR2032 Battery (Digital models)
Body Material	ABS / Aluminum Alloy
Portability	Compact, lightweight
Compliance	ASTM D7091, ISO 2808, relevant IS standards