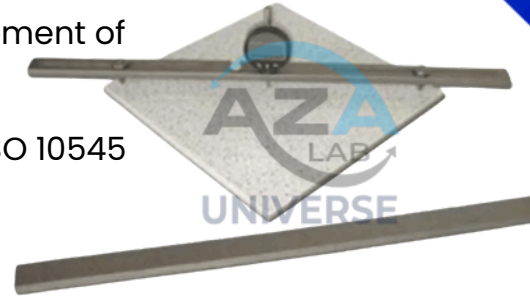




**UNIVERSE**

## **UNIVERSAL DIGITAL GAUGE – DIAGONAL LINEARITY PLUCOMETER AZA1272**

The AZA LAB Universal Digital Gauge – Model AZA1272 is a compact, high-precision plucometer designed for accurate measurement of diagonal linearity and surface flatness (warpage) of ceramic tiles. Fully compliant with IS 13630 (Part-1) and EN ISO 10545 (Part-2), the AZA1272 provides fast, reliable, and repeatable measurements, making it an essential instrument for quality control laboratories and tile manufacturing environments.



### **Design & Construction**

- High-stability precision steel bar
- Two adjustable stainless-steel calibrated locating feet
- Integrated spherical bubble level for alignment
- Compact and lightweight design for portability
- Durable construction for laboratory and field use

### **Available Plucometer Sizes**

- 450 × 450 mm
- 600 × 600 mm

(Custom sizes can be provided on request.)

### **Applications**

- Measurement of diagonal linearity in ceramic tiles
- Evaluation of surface flatness and warpage
- Quality control during tile manufacturing
- BIS and ISO compliance testing
- Laboratory and on-site inspection



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### Technical Specifications

Parameter	Details
Model	AZA1272
Measurement Type	Diagonal Linearity / Flatness
Gauge Type	Digital Dial Gauge
Measuring Range	0 – 25 mm
Resolution	0.001 mm
Structure	Steel bar with SS feet
Alignment	Spherical bubble level
Standards	IS 13630-1, ISO 10545-2

### Standard Accessories Included

Component	Specification
Digital Gauge	Range: 0–25 mm, Accuracy: 0.001 mm
Locating Studs (Feet)	2 × Stainless Steel, Calibrated
Bubble Level	Integrated spherical type
Calibration Plate	Precision ground reference plate