



UNIVERSE

GLOSS METER – SINGLE ANGLE MODELS AZA1298

The AZA1298 Single Angle Gloss Meter from AZA LAB is a compact, high-precision surface gloss measurement instrument designed for accurate, repeatable, and standardized evaluation of surface reflectivity across laboratory, production, inspection, and field environments.

Using a fixed-angle optical geometry, the AZA1298 measures surface gloss in Gloss Units (GU) with excellent repeatability and optical accuracy, making it ideal for quality control, product development, coating verification, and surface finish inspection.



AVAILABLE MEASUREMENT GEOMETRIES

20° MODEL

Recommended for:

- High-gloss automotive coatings
- Polished metals
- Mirror-like finishes
- Premium lacquer coatings

45° MODEL

Suitable for:

- Intermediate gloss applications
- Specialized industrial surfaces
- Printing and graphic materials

60° MODEL

General-purpose gloss measurement for:

- Paints and coatings
- Plastics
- Ceramics
- Furniture finishes

85° MODEL

Ideal for:

- Matte finishes
- Low-gloss surfaces
- Textured coatings
- Low-reflective materials



UNIVERSE TECHNICAL SPECIFICATIONS

| PARAMETER | SPECIFICATION |
|----------------------|---|
| Model | AZA1298 |
| Product Type | Single Angle Gloss Meter |
| Measurement Geometry | 20° / 45° / 60° / 85° (Model Dependent) |
| Measurement Range | 0–1000 Gloss Units (GU) |
| Resolution | 0.1 GU |
| Accuracy | ±1.0 GU |
| Repeatability | ≤ 0.4 GU |
| Display | Digital LCD with HOLD Function |
| Averaging Function | Up to 20 Readings |
| Calibration | Manual Using Certified Reference Tile |
| Interface | USB Data Output |
| Power Source | Rechargeable Lithium Battery |
| Battery Life | Up to 10 Hours |



UNIVERSE TECHNICAL SPECIFICATIONS

| PARAMETER | SPECIFICATION |
|----------------------|---------------------|
| Dimensions | 150 × 45 × 75 mm |
| Weight | Approx. 300 g |
| Standards Compliance | ASTM D523, ISO 2813 |

STANDARDS COMPLIANCE

The AZA1298 fully complies with internationally recognized gloss measurement standards:

- ASTM D523
- ISO 2813

This ensures suitability for:

- International quality audits
- OEM approval processes
- Export manufacturing requirements
- Regulatory compliance testing

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