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ELECTRONIC CONCRETE TEST HAMMER (SCHMIDT HAMMER) AZA1149

The AZA1149 Electronic Concrete Test Hammer is a high-precision non-destructive testing (NDT) instrument designed for rapid and accurate evaluation of hardened concrete strength. Utilizing advanced rebound technology combined with a digital interface, the device measures surface hardness and directly estimates compressive strength with enhanced reliability and reduced operator dependency.

Engineered for modern construction and inspection requirements, the AZA1149 integrates digital measurement, automatic calibration, and data management, making it an ideal solution for engineers, quality inspectors, laboratories, and research institutions.

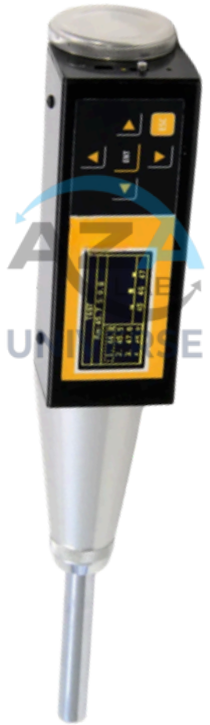
Key Applications

- Structural inspection of buildings, bridges, tunnels, and pavements
- Concrete quality control and site condition assessment
- Evaluation of precast and in-situ concrete elements
- Civil engineering laboratories and R&D centers
- Educational demonstrations of NDT methods
- Maintenance and condition monitoring of ageing structures

Compliance & Standards

Manufactured and calibrated in accordance with:

- ASTM C805
- EN 12504-2





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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1149
Type	Electronic Schmidt Hammer
Measurement Range	10 – 100 N/mm ²
Display	Digital LCD
Data Storage	Up to 1000 readings
Connectivity	USB export
Power Supply	Rechargeable Lithium Battery
Operating Temperature	0°C to 50°C
Dimensions	Approx. 280 mm × 60 mm
Weight	Approx. 1.5 kg
Standards	ASTM C805, EN 12504-2
Calibration	Automatic (Digital)