CONCRETE TEST HAMMER (SCHMIDT HAMMER) N TYPE AZA1148

The AZA1148 Concrete Test Hammer (N-Type) is a precision-engineered non-destructive testing (NDT) instrument used to estimate the compressive strength of hardened concrete. Based on the rebound principle, the device provides rapid, reliable, and repeatable measurements without causing any damage to the structure.

With an impact energy of 2.207 Nm, the AZA1148 is ideally suited for general-purpose testing of standard-density concrete with compressive strength ranging from 10 MPa to 70 MPa. It is widely utilized in construction sites, inspection projects, laboratories, and infrastructure assessments where quick and efficient strength evaluation is required.

Key Applications

- Quality control of concrete structures
- Structural health monitoring and inspection
- Assessment of beams, columns, slabs, and pavements
- Evaluation of precast concrete elements
- Comparative strength analysis between batches
- Situations where destructive testing is impractical

Compliance & Standards

Manufactured and calibrated in accordance with international standards:

- ASTM C805
- EN 12504-2

TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1148
Type	Schmidt Rebound Hammer (N-Type)
Impact Energy	2.207 Nm
Strength Range	10 – 70 MPa
Display	Rebound Value (R-Scale)
Body Material	Aluminum Alloy
Plunger Tip	Hardened Alloy Steel
Standards	ASTM C805, EN 12504-2
Dimensions	Approx. 280 mm (L) × 55 mm (D)
Weight	Approx. 1.4 kg
Calibration	Factory calibrated