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ROCKWELL HARDNESS TESTER AZA1011

The AZA1011 Rockwell Hardness Tester is a robust, high-precision benchtop testing machine designed for rapid and accurate measurement of hardness in metals and alloys. Engineered for durability and ease of use, it delivers direct hardness readings with excellent repeatability, making it ideal for production floors, workshops, laboratories, and research institutions.

Manufactured in compliance with international standards, the AZA1011 provides reliable performance for both routine inspection and advanced material testing applications.

Key Features

- Heavy-duty, vibration-free cast body construction
- Automatic zero-setting dial gauge system
- Manual or automatic load selection (model dependent)
- Standard diamond cone and steel ball indenters
- Direct-reading analog or optional digital display
- Adjustable dwell time for improved accuracy
- Precision elevating screw for specimen positioning
- Supplied with flat and V anvils for versatile testing



Compliance & Certification

- Designed and manufactured in accordance with:
- ASTM E18 – Rockwell Hardness Testing
- ISO 6508-1 – Metallic Materials Hardness Test
- IS 1586 / BS / DIN Standards



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TECHNICAL SPECIFICATION

Parameter	Specification
Model	AZA1011 Series
Tester Type	Rockwell / Rockwell + Brinell
Minor Load	10 kgf
Major Loads	60 kgf, 100 kgf, 150 kgf
Brinell Load (Model C)	187.5 kgf (2.5 mm ball)
Brinell Load (Model D)	250 kgf (5 mm ball)
Display	Analog Dial / Optional Digital
Max Specimen Height	170 – 250 mm (Approx.)
Throat Depth	130 – 165 mm (Approx.)
Power Supply	Mechanical / 230 V AC (Auto Models)
Standards Compliance	IS 1586, ASTM E18, ISO 6508-1
Country of Origin	Made in India