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DIGITAL PULL-OFF ADHESION TESTER AZA1152

The AZA1152 Digital Pull-Off Adhesion Tester is a professional-grade non-destructive/semi-destructive testing instrument designed to measure the bond strength of coatings, paints, sealants, and adhesives applied to a wide range of substrates including concrete, metal, wood, plastics, stone, and composites.

Engineered for both field and laboratory applications, the AZA1152 provides accurate, repeatable, and standards-compliant measurements. It is widely used in construction, marine, automotive, infrastructure, and industrial coating sectors for quality control and performance verification.



Key Applications

- Evaluation of coating, paint, epoxy, and sealant adhesion
- Surface preparation and coating quality control
- Waterproofing system validation on concrete
- Inspection in marine, oil & gas, and petrochemical industries
- Failure analysis and forensic engineering
- Factory QA/QC for coating manufacturers

Compliance & Standards

Designed in accordance with international standards:

- ASTM D4541 – Pull-Off Strength of Coatings
- ISO 4624 – Adhesion Testing
- Relevant IS Standards



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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1152
Type	Digital Pull-Off Adhesion Tester
Load Range	0 – 20 MPa (custom ranges available)
Display	Digital with peak hold
Units	MPa, psi, N
Test Surfaces	Concrete, metal, wood, plastic, composites
Dolly Sizes	20 mm, 50 mm
Operation	Manual / Hydraulic (variant dependent)
Data Storage	Optional internal memory
Connectivity	Optional USB export
Compliance	ASTM D4541, ISO 4624, IS Standards
Weight	Approx. 5 – 8 kg
Carrying Case	Included