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A Screening Eagle Company



Pull-off Testers

DY-216

Automated pull-off tester with a mid-range instrument suitable for most pull-off testing applications

Accuracy

The ideal calibration accuracy EN ISO 7500-1 Class 1, suitable for most pull-off testing applications, with live view of actual load rate graph

Performance

Leveragr the comprehensive range of test discs plus adjustable foot configuration to cover a wide variety of mid-range applications

Ease of use

Easy to operate even on overhead walls, combined with a simple programming process of key parameters and a fully automated test











Instrument
Tech Specs

Working Range	0.81 to 8.1 MPa (118 to 1182 psi)
Tensile force (50 mm test disc)	1.6 to 16 kN (60 to 3597 lbf)
Maximum Stroke	5 mm
Maximum Pulling Speed	4.65 mm/min (0.183 inch/min)
Instrument Firmware	Maximum load Actual load rate Test duration Complete report of the test Failure mode reporting Full data review on instrument
PC Software	DY-2 Link with a live view of actual load rate graph
Memory	100 measurements
Connections	USB to PC and for charging
Calibration Accuracy	EN ISO 7500-1 Class 1 (±1 % from 20 % of maximum force)
Battery Capacity	1500 mAh, 3.7V (min. 80 measurements)
Weight	4.5 kg
Applications:	✓Adhesive strength of mortars and renders ✓Adhesive strength of asphalt ✓Adhesive strength of tiles ✓ Bond strength of coatings and overlays ✓ Bond strength of repair materials such as FRP ✓ Tensile strength in concrete renovation

Standards & Guidelines	Description
ASTM C 1583	
ASTM C1857	Pull-off strength of concrete repair and mortar
ASTM D 4541	
ASTM D 7234	
ASTM D 7522	
EN 1015-12	
EN 12004-2	
EN 1348	
EN 1542	
ISO 4624	
JGJ 110	
JGJ 126	
JGJ 144	
SIA 281/3	
ZTV-ING	
ГОСТ 22690	

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