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Pull-off Testers

DY-225

Automated pull-off tester ideally suited for very high strength applications

Accuracy

Get ideal calibration accuracy EN ISO 7500-1 Class 2, for high strength applications such as testing of fibre reinforced polymers (FRP) bonded to concrete structures

Performance

Leverage the comprehensive range of test discs plus adjustable foot configuration for maximum performance on a wide variety of very high strength applications

Ease of use

Experience easy operation even on overhead walls, combined with a simple programming process of key parameters and a fully automated test











Instrument
Tech Specs

Working Range	1.3 to 12.7 MPa (185 to 1847 psi)
Tensile force (50 mm test disc)	2.5 to 25 kN (562 to 5620 lbf)
Maximum Stroke	5 mm
Maximum Pulling Speed	2.2 mm/min (0.086 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:	- - - ✓ Bond strength of coatings and overlays ✓ Bond strength of repair materials such as FRP ✓ Tensile strength in concrete renovation
Additional Applications:	✓ Combining pull-off method ✓ Applied coatings on composite materials

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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