



## Pull-off Testers

# DY-225

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

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### 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 ( $\pm 1$ % from 20 % of maximum force)
Battery Capacity	1500 mAh, 3.7V (min. 80 measurements)
Weight	4.5 kg
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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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