



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 | <ul style="list-style-type: none"> 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 |
| | - |
| | - |
| | - |
| Applications: | <ul style="list-style-type: none"> ✓ Bond strength of coatings and overlays ✓ Bond strength of repair materials such as FRP ✓ Tensile strength in concrete renovation |
| Additional Applications: | <ul style="list-style-type: none"> ✓ 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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