



Automated Pull-Off Adhesion Tester

Code: [35-2310](#)

Product Group: [Pull-off testing](#), [Pull-off testing](#)

The quality of concrete repairs is determined by the adhesive strength between the repair material and the substrate. Pull-off testing is the most widely used test method to assess bond strength.

Maximum pulling force of 16 kN (3597 lbf)

Mid-range instrument suitable for most pull-off testing applications.

Calibration accuracy EN ISO 7500-1 Class 1.

Comprehensive range of test discs plus adjustable foot configuration to cover a wide range of applications.

Simple programming of key parameters and fully automated test.

Applications for the 35-2310 pull-off tester include: adhesive strength of mortars and renders, adhesive strength of asphalt, adhesive strength of tiles, bond strength of coatings and overlays, bond strength of repair and materials such as FRP, tensile strength in concrete renovation.

Complies to EN ISO 4624, EN 1015-12, EN 1542, EN 1348, EN 13963, EN 14496, ASTM D4541, ASTM C1583, ASTM D7234, ASTM D7522

Standards

EN 1542, EN 1015-12, EN 1348, ASTM D 4541

Specification

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)
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

Accessories



Adaptor plate for large test discs

Code: [35-2310/18](#)



Fixing kit for vertical and overhead surfaces

Code: [35-2310/20](#)



Test disc aluminium 100x100mm/M10, set of 3

Code: [35-2310/16](#)



Test disc aluminium 40x40mm/M10, set of 10

Code: [35-2310/14](#)



Test disc aluminium 50x50mm/M10, set of 10

Code: [35-2310/13](#)



Test disc aluminium Ø 100mm/M10, set of 3

Code: [35-2310/15](#)



Test disc aluminium Ø 20mm/M10, set of 10

Code: [35-2310/12](#)



Test disc aluminium Ø 50mm/M10, set of 10

Code: [35-2310/11](#)



Test disc aluminium Ø 75mm/M10, set of 5

Code: [35-2310/17](#)



Test disc steel Ø 50mm/M10, set of 10

Code: [35-2310/21](#)



Test disc steel Ø 50mm/M10, set of 10

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Spares/Consumables



Battery pack complete

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