





Anchor & Rebar Pull-Out

TP-500

Pull-Out Testing Machine

Anchor pull-out force

Hydraulic pull-out tester for anchors, rebars and expansion bolts, in 100 to 500 kN capacities, with analog or digital readout.

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Description

Use it on site to check the holding force of anchors, rebars, expansion bolts and other fixings. It can also test the tensile strength of glass curtain wall fixings on site.

It comes in 100, 200, 300 and 500 kN capacities, with an analog gauge or a digital readout. The digital version has a battery-powered controller that runs up to 24 hours on one charge, a wide-angle LCD and dust-proof buttons. Its high-impedance pressure sensor is easy to calibrate and gives steady readings without temperature drift.

The standard kit has a 700 bar hydraulic hand pump, a 3 m hydraulic hose with standard threads, a hydraulic jack with up to 50 mm stroke, a pressure gauge, a reaction frame and a high-strength pull rod. Threaded adaptors for anchors and grips for rebar are chosen to suit your job (sizes in the specifications).

Supplied ready for use with operating manual and test certificate. Contact us for configuration options, accessories and calibration services.

Technical specifications

Capacity	100, 200, 300 or 500 kN
Readout	Analog or digital
Battery (digital)	Up to 24 h per charge
Hydraulic pump	700 bar
Hose	3 m
Jack stroke	Up to 50 mm
Anchor adaptors	M6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 42
Rebar grips	Ø 6, 8, 10, 12, 14, 16, 18, 20, 22, 25, 28, 32, 36, 38, 40, 50 mm