

CEMENT - MORTAR

EI42

DIGITAL "PULL-OFF" (BOND) STRENGTH TESTER. CAPACITY: 16 kN

STANDARDS: EN 1542, EN 1348, EN 1015-12, EN 13687-2, EN 13963, EN 14496 / NF P18-858 / BS 1881:207 / ISO 4624

This dynamometer measures the adhesive force and the tensile strength of two layers of materials (concrete, facing plasters, mortars, building plasters, lime etc.) and is particularly suitable for applications concerning testing repairs of any structure where the bond strength between two layers is an essential factor.

Compact, light, for use in any location, this Pull-Off Tester is fitted with a load cell and high resolution large digital display unit; it is therefore suitable for measurements from low loads up to 16 kN, granting a wide working range and ideal for a large number of applications and materials. The direct tensile force is applied by rotating the hand wheel.

The three feet of the unit can be fixed in the "large" position (overall dimensions 176mm diameter; see drawing "A") with very stable bearing, or in the "compact" position (overall dimensions 92,5mm diameter; see drawing "B"), to perform tests in narrow spaces, or for specimens close one to the other.

section E

Specifications:

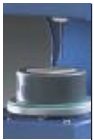
- Load capacity: 16 kN
- Resolution: 10 N
- Working range: 0,25 to 16 kN
- Accuracy and repeatability: better than +/- 1%
- Complete with traceable calibration certificate
- Battery operated
- Serial port for PC connection
- Hand wheel rounds: 60 with mechanical round/counter
- Graphic indication of the applied load rate
- Seat ball assuring axial/central load application

Supplied complete with carrying case, but "WITHOUT" accessories to perform the test, which have to be ordered separately.

To perform the test a common electric drill is required.

Dimensions: 410 x 210 x 270 mm

Weight : 3,5 kg approx.



300



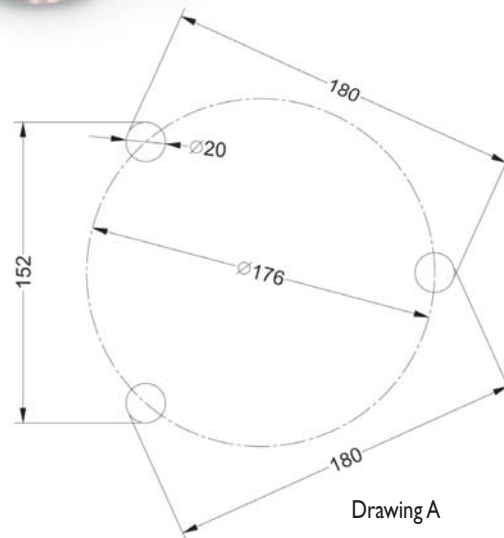
EI42 with feet in large position

EI42-01 Pull-Off "Digital" tester 0-5 kN capacity

Identical to mod. EI42 but with load cell and digital display range 0-5 kN for more accurate measurements on low strength values



EI42 in aluminium case



MATEST