

DATA SHEET

Pull-Off Tester



Pull-off digital apparatus, model: 58-C0215

General description

Introduction

The apparatus is mainly used to evaluate the bond strength of two layers of concrete or the adhesive strength of surface coatings (e.g. cement plaster, lime, wall plaster etc.) on its support.

Description

The apparatus is basically a dynamometer fitted with a load cell and high resolution digital display unit. The direct tensile force is applied by rotating the hand wheel. The 16 kN capacity and the high resolution assure a wide working range ideal for a vast number of materials and applications.

It is supplied complete with: aluminium test discs 20 and 50 mm dia., screw bolt, traceable calibration certificate and carrying case.

A wide range of accessories, such as adhesive compound, disks with various shape and dimensions, drill bits are also available.

Main features

- Portable equipment for use in any location
- High resolution digital display unit
- Graphic indication of applied load rate
- Serial port for PC connection
- Battery operated, complete with AC adapter
- Indicator of ram position allowing an estimation of the brittle properties of the test sample
- Supplied complete with traceable calibration certificate

Standards

- EN 1015-12
- EN 1348
- EN 1542
- EN 13963
- EN 14496
- EN 12004-2

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- ISO 13007-2
- ISO 4624
- ASTM D4541
- ASTM C1583
- ASTM D7234
- EN 14891

Specifications

Load capacity: 16 kN

Readout unit: Load cell

Resolution: 1 N

Working range: 0.25 to 16 kN

Accuracy: better than 1%

Battery: 9 V

Dimensions: 340x240x250 mm approx.

Weight (tester only): 3.3 kg

Weight (with carrying case): 5 kg



drill bits and metal discs



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Products

58-C0215

Bond strength/pull-off digital tester fitted with high accuracy load cell. Load capacity 16kN x 1 N resolution. Battery operated (internal). AC adapter for 110-240V/50-60Hz/1F included in the supply

Accessories and consumables

58-C0215/5

Aluminium test disc 50mm dia x 20mm thickness

58-C0215/T2

Serial cable for digital pull-off tester 58-C0215

58-C0215/1

Drill bit 50 mm dia

58-C0215/12

Metal ring with truncated cone profile to EN 1015-12, 5.2

58-C0215/13

Fast curing bicomponent adhesive for pull-off tester 58-C0215/T. 2x15ml binder and 2x15ml hardener (4 vials)

58-C0215/2

Tungsten carbide bit 20 mm dia.

58-C0215/3

Stainless steel test disc 50 mm dia x 20 mm thickness (conforming to EN1015-12 and EN1542)

58-C0215/4

Test square plate 50 x 50 mm for pull off test to EN 1348

58-C0215/8

Aluminium test disc 20 mm dia.