

CONCRETE

C376N

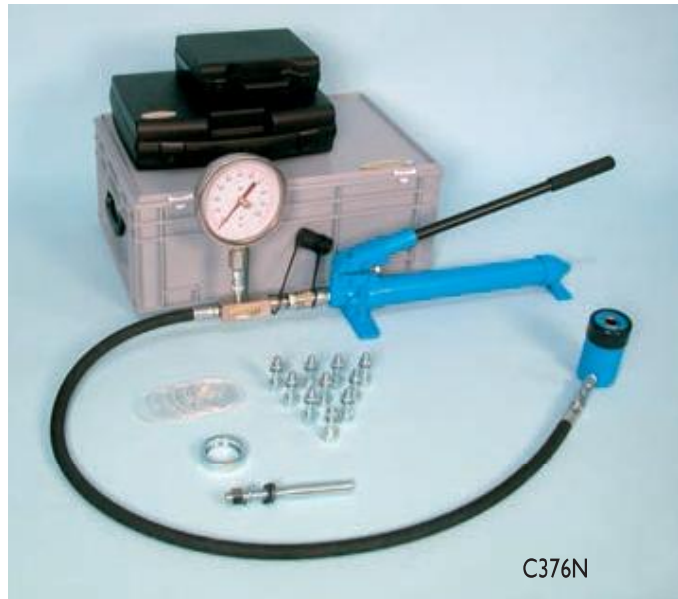
Pullout test apparatus

STANDARDS: EN 12504-3 / BS 1881 part 207 / UNI 9536, comparable to ASTM C900

Used to evaluate the concrete resistance as per the strength applied to extract a disc embedded into concrete.

The standard equipment conforms to EN 12504-3 Specification and comprises hydraulic extraction unit 100 kN capacity with pump, precision manometer 0-100kN, bearing ring, 10 steel discs 25 mm dia. (EN 12504-3), carrying cases.

Weight: 18 kg approx.



C376N

ACCESSORY:

C376-01

INSERTS, 30 mm dia. (UNI 9536) to embed.
Pack of 25 pieces.



C376-01

SPARE PART:

C376-03

DISCS, 25 mm dia. (EN 12504-3) to embed.
Pack of 25 pieces.



C376-15

C376-11

C376-10

C376-12

C376-14

DETERMINATION OF POWER EXTRACTION THROUGH INSERTS POST INTRODUCED, WITH FORCED AND GEOMETRICAL EXPANSION

STANDARD: UNI 10157

It's used to determine the needed power to extract from a concrete element a metallic insert that is introduced in the element by perforation.

This extraction power it's used:

- To investigate on concrete mechanic proprieties in site
- To estimate the in site concrete's compression resistance in a case of specific calibration curve

The equipment is composed of:

C376 N Pullout test apparatus

C376-10 Connecting rod furnished with bearing ring, to be used with the pull-out instrument to hook the C376-11 insert.

C376-11 Geometric expansion pull-out insert dia. 18x80 mm.
Pack of 10 inserts.

C376-12 Hardened drill beat to perform a hole as required from UNI standard and to put in a insert.

C376-13 Drill with SDS mandrin

C376-14 Striker, to put a insert into the hole

C376-15 Aspirant pump to clean the hole from detritus and dust

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Digital "pull-off" (bond) strength tester. Capacity: 16 kN

STANDARDS: EN 1542, EN 1348, EN 1015-12, EN 13687-2

NF P18-858 / BS 1881:207 / ISO 4624

EN 13963, 14496

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. Technical details, more accurate description and accessories: see pag. 330



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