

E070

Autoclave

SOUNDNESS (EXPANSION) OF PORTLAND CEMENT

STANDARDS: Comparable to ASTM C151, C490 / AASHTO T107

It consists of a high pressure boiler made from special alloy steel, inside dia. mm. 154x430 high, receiving a holding rack for 10 cement specimens. The heating system is achieved by electric resistances. The separate control panel encloses a "digital thermometer" to visualize the boiler temperature, pressure gauge scale 0 - 600 psi with built in pressure regulator and power switches. Supplied complete with rack for holding the specimens and safety valve with PED Cat. certificate according to the 97/23/CE Standard. Not sellable on CE market.

Power supply: 230 V 1ph 50 Hz 3500 W 295 psi

Dimensions: 450x475x1080 mm

Weight: 75 kg

DIGITAL THERMOMETER



E070

rack for specimens

E075



E075-01



E075 with E075-10

E075-10

MOULDS FOR SOUNDNESS (EXPANSION) AND SHRINKAGE TESTS (with length comparators, see next page)

Available models:

E072

STANDARD: ASTM C490

TWO GANG PRISM MOULD to produce 25x25x250 mm specimens for expansion tests in autoclave.

Complete with 4 steel inserts. Weight: 6 kg

E073

STANDARD: BS 1881, 6073

TWO GANG PRISM MOULD to produce 75x75x254 mm specimens. Complete with 4 steel inserts. Weight: 9 kg

E072-01 CONTACT POINTS stainless steel, spare for E072 and E073 moulds. Pack of 10 pieces.



E073

E072

E072-01

E075

Three gang prism mould to produce 40,1x40x160 mm mortar specimens

STANDARD: EN 12617-4

Comparable to: ASTM C438, NF P15-433

Used for the determination of linear shrinkage of cement mortar. Manufactured from steel with hardness over 200 HV. All surfaces are grinded and all parts are marked with an identification number for a correct assembling.

A part-number is engraved on each mould and a Certificate of Conformity is supplied along with.

Complete with 6 steel inserts and fixing screws.

Weight: 8,600 kg

SPARE PART:

E075-01 CONTACT POINTS, stainless steel, complete with fixing screw. Pack of 12

ACCESSORIES:

E075-10

STANDARD: EN 12808-4

SPACER, teflon made, dimensions 15x40x160 mm to put into the chamber of the E075 mould, to produce 10x40x160 mm specimens for shrinkage tests as per EN 12808-4 Standard.

Pack of 6 spacers.

E075-11

INSERTS, for the 10x40x160 mm specimen.

Standard: EN 12808-4

Pack of 12 inserts.