

SOUNDNESS OF CEMENT AND HYDRATED LIME

STANDARD

EN 196-3, pr EN ISO 9597

The soundness of cements and limes is determined using the expansion test with Le Chatelier moulds according to the relevant standard. The mould consists of a spring tensioned split cylinder 30 mm internal diameter x 30 mm high with two indicator stems which measure 165 mm from the points to the centre line of the cylinder and O ring. Two or three moulds are required for each test. We propose the single mould (code 62-L0025), a package of 6 units (code 62-L0025/C) and a complete kit including 3 moulds, glass plates and accessories for the verification of extensibility (code 62-L0025/B).

62-L0025

Le Chatelier mould

Strictly conforming to EN. Individually checked, supplied complete with certificate of conformity. Each mould is identified by a serial number.

Weight approx.: 30 g



62-L0025

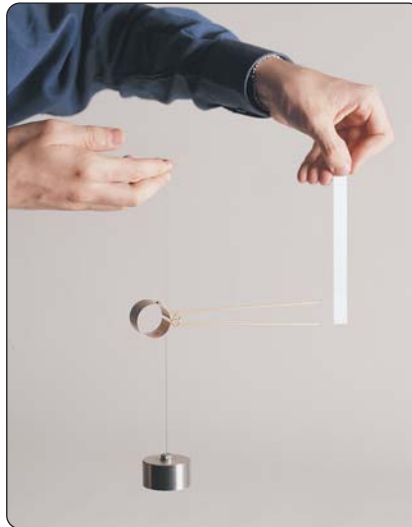
62-L0025/C

Le Chatelier mould. Pack of 6 units

Same as 62-L0025.

Accessories

- 62-L0025/2 Glass plate, 50 mm sq. (two required)
- 62-L0025/3 100 g weight
- 62-L0025/4 Extensibility of mould apparatus
- 62-L0025/5 Tamping rod 17 mm dia. x 70 g weight



Use of the extensibility of mould apparatus 62-L0025/4

62-L0025/B

Le Chatelier soundness kit

General description and specifications

Consisting of:

- No. 3 62-L0025 Le Chatelier moulds
- No. 6 62-L0025/2 Glass plates, 50 mm sq.
- No. 3 62-L0025/3 100 g weights
- No. 1 62-L0025/4 Extensibility of mould apparatus
- No. 1 62-L0025/5 Tamping rod 17 mm dia. x 70 g weight
- No. 1 62-L0025/6 Rule.

All contained in a plastic carrying case as shown in the picture. Very useful to avoid dispersions of each item in the laboratory.

Dimensions: 230x210x45 mm

Weight approx.: 1 kg



62-L0025/B

62-L0025/F

Le Chatelier water bath.

220-240 V, 50-60 Hz, 1 ph.

General description and specifications

For use with Le Chatelier moulds for the determination of the soundness of cement paste. Stainless steel internal chamber housed in a stainless steel insulated exterior case. Power 1500 W capable of reaching the boiling point in 30 minutes. Complete with rack for twelve 62-L0025 moulds and cover.

Internal dimensions (l x w x d):

300x150x230 mm

External dimensions:

440x215x290 mm

Weight approx.: 10.5 kg



62-L0025/F