

LE CHATELIER MOULD (C023)

Category: Cement



Product Code: C023

Category: CEMENT

Sub-Category: SPECIMEN PREPARATION

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- The Le Chatelier Mould is utilized to determine the soundness of cement by measuring its potential expansion when subjected to boiling water, ensuring the material's volume

stability.

- Constructed from spring-tempered brass, the mould comprises a split cylinder with an internal diameter and height of 30 mm, equipped with two indicator stems extending 165 mm from the centerline, facilitating precise measurement of expansion.
- This apparatus is essential for quality control in cement manufacturing, detecting unsoundness caused by excessive free lime or magnesia, which can lead to delayed expansion and structural issues.
- The mould is designed for repeated use, maintaining its shape and accuracy over time, and is compatible with standard water baths used in cement testing laboratories.
- Compliance with international standards ensures the mould's suitability for use in various regulatory environments, supporting consistent and reliable testing outcomes.

STANDARDS

EN 196-3 • EN 459-2 • EN ISO 9597 • BS 6463

TECHNICAL SPECIFICATIONS

- Internal Diameter: 30 mm
- Height: 30 mm
- Indicator Stem Length: 165 mm
- Material: Spring-tempered brass
- Weight: Approximately 30 g

SUPPLIED WITH

- Glass plates (50 x 50 mm)
- Weight (100 g)

ORDERING INFORMATION

Item	Code
LE CHATELIER MOULD	C023X00EH
LE CHATELIER SOUNDNESS TEST SET	C025X00EH
LE CHATELIER BATH - 6 lt	G040X06XU
LE CHATELIER FLASK - 250 ml	W019G250H
LE CHATELIER STAND for [G 040 X06X U]	G040P001H
SPARE HEATER for LE CHATELIER BATH	G040P004H

Keywords: Le Chatelier Mould, cement soundness test, EN 196-3, cement expansion

*measurement, brass split cylinder, cement testing equipment, ALFA Testing Equipment,
volume stability of cement, indicator stems, cement quality control*