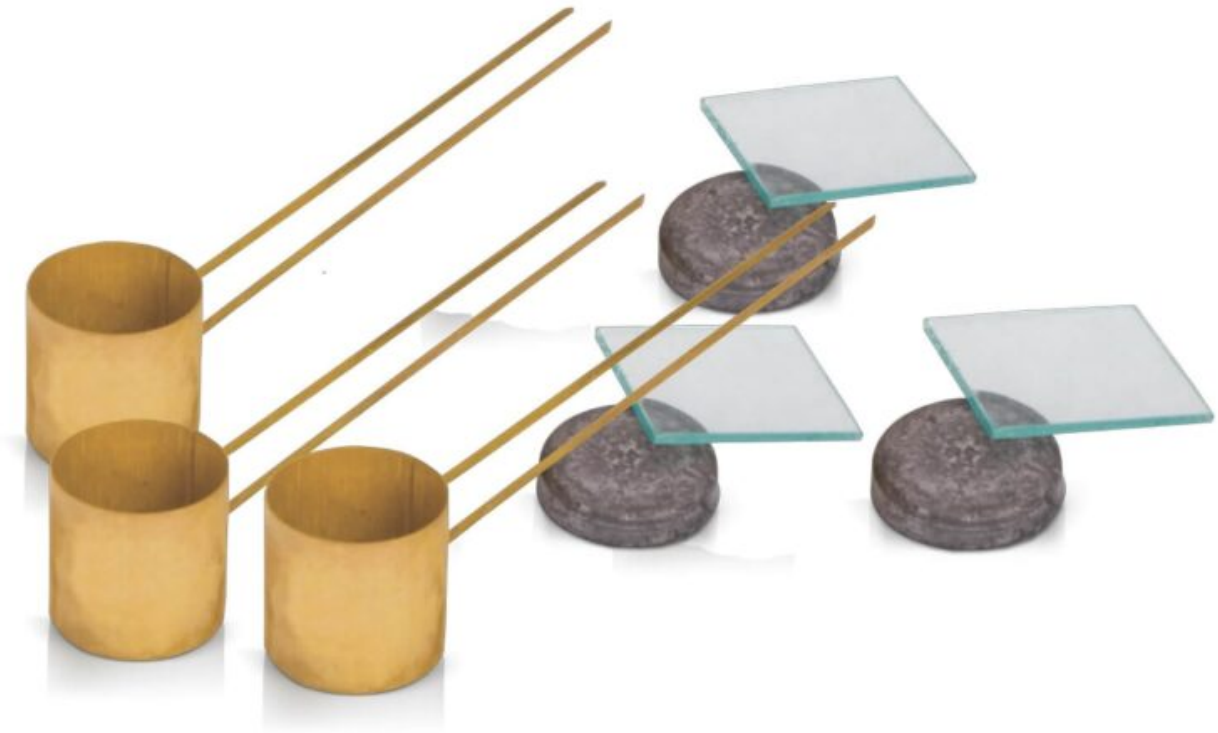
LE CHATELIER SOUNDNESS TEST SET (C025)

Category: Cement



Product Code: C025

Category: CEMENT

Sub-Category: SPECIMEN PREPARATION

- The Le Chatelier Soundness Test Set is designed to assess the soundness of cement by measuring its potential expansion when subjected to boiling water, ensuring the material's volume stability.
- This apparatus is essential for detecting unsoundness in cement caused by excessive free lime or magnesia, which can lead to delayed expansion and structural issues.
- 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.
- The set includes all necessary accessories for conducting the test, such as glass plates, weights, a tamping rod, and a steel ruler, ensuring compliance with international testing standards.
- The components are housed in a durable carrying case, providing protection and ease of transport for field and laboratory use.

STANDARDS

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

TECHNICAL SPECIFICATIONS

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

SET

- Le Chatelier moulds (3 pcs)
- Glass plates – 50 x 50 mm (6 pcs)
- Weights – 100 g (3 pcs)
- Tamping rod – Ø17 mm x 70 g (1 pc)
- Steel ruler (1 pc)
- Plastic carrying case

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 Soundness Test Set, cement soundness testing, EN 196-3, cement expansion measurement, brass split cylinder, cement testing equipment, ALFA Testing Equipment, volume stability of cement, indicator stems, cement quality control