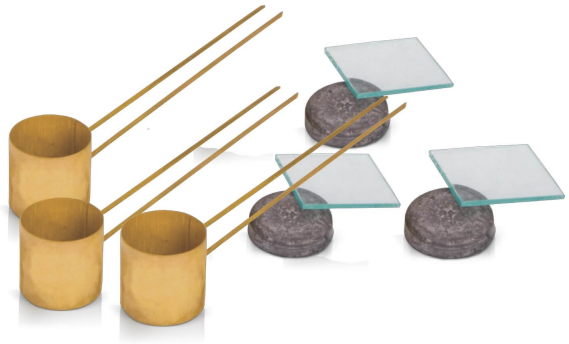
CEMENT > SPECIMEN PREPARATION

LE CHATELIER SOUNDNESS TEST SET

Code : C025



- 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 150 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

- 3 x Mould:
  - Internal Diameter: 30 mm
  - Height: 30 mm
  - Indicator Stem Length: 150 mm
  - Spring-tempered brass
- 6 x Glass Plate (50 x 50 mm)
- 1 x Weight of 100 g
- 1 x Tamping Rod (Ø 17 x 70 g)
- 1 x Steel Ruler - 30 cm

ORDERING INFORMATION

Item Name	Item Code
TAMPING ROD - Ø 17 x 70 g	C025P001H
WEIGHT for LE CHATELIER TEST - 100 g	C025P002H
LE CHATELIER SOUNDNESS TEST SET	C025X00EH