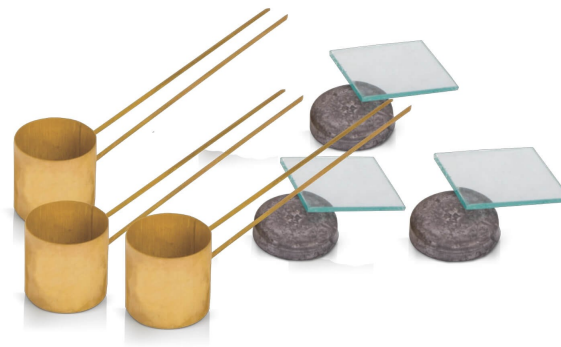


## LE CHATELIER SOUNDNESS TEST SET

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 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 |