CEMENT > SPECIMEN PREPARATION

LE CHATELIER MOULD

Code : C023



- 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 150 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.
- Glass plate (50 x 50 mm) and weight (100 g) should be ordered separately

STANDARDS

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

TECHNICAL SPECIFICATIONS

- Internal Diameter: 30 mm
- Height: 30 mm
- Indicator Stem Length: 150 mm
- Material: Spring-tempered brass
- Weight: Approximately 30 g

ORDERING INFORMATION

Item Name	Item Code
LE CHATELIER MOULD	C023X00EH