

Le Chatelier

Le Chatelier Water Bath

UTCM-0016

The UTCM-0016 Le Chatelier Water Bath is used with Le Chatelier moulds to measure the soundness of cement paste fly ash for concrete and lime. The internal chamber and the insulated exterior case of the bath are manufactured from stainless steel. The bath uses two heater units to reach boiling point within 30 minutes. The apparatus includes a timer which can be set to the time at which boiling point will be reached. Once the time has passed, the temperature of the water is regulated by using one heater, which will conserve energy. The water bath apparatus includes a removable rack which can hold up to 10 moulds. The bath is also supplied with a cover. Le Chatelier Moulds are should be ordered separately.

Le Chatelier Flask

UTCM-0003

The UTCM-0003 Le Chatelier Flask has been designed to measure the density of:

- Hydraulic cement
- Ground granulated blast-furnace slag and fly ash for concrete
- Filler aggregates
- Lime

The glass flask has a 250ml capacity. The neck is graduated from 0 to 1 ml and from 18 to 24 mL in 0.1-mL graduations.



Le Chatelier Mould and Soundness Kit

UTCM-0010/UTCM-0014

The Le Chatelier Moulds and Soundness Kit (along with the UTCM-0016 Le Chatelier Water Bath) is used to measure the soundness of cement, fly ash for concrete and lime.

The Le Chatelier Soundness Kit is supplied complete with;

- Le Chatelier moulds 3 pcs.
- 50x50 mm glass plates 6 pcs.
- 300 gr Weights 1 pcs.
- 100 gr Weight, 3 pcs.
- Tamping Rod 17 mm dia. x 70 gr
- Steel Ruler
- Plastic Carrying Case



Technical Specifications

UTCM-0016

Dimensions	210x470x290 mm
Weight (approx.)	8 kg
Power	1250 W

About PCTE

PCTE have over 30 years' experience in the measurement and testing of construction materials. PCTE can provide more than just the equipment, they can provide expert training. PCTE have a service centre in Sydney in which they can provide calibration, repairs and warranty repairs.

Other Equipment

PCTE supply three main ranges: NDT, Lab and Geotech Instrumentation.

NDT includes: Rebound Hammers, Covermeters, Ultrasonics, GPR, Corrosion Testing, Coating Testing and Foundation Testing

Lab includes equipment for: Concrete, Cement, Aggregate, Soil, Asphalt and Metal

Geotech Instrumentation includes: Strain Gauges, Piezometers, Inclometers, Extensometers, Tiltmeters, Load Cells and Dataloggers