Flowability

Slump Test Set

UTC-0400

The Slump Test method is most commonly used to determine the texture and workability of fresh concrete and to verify the similarity between batches of concrete. The UTC-0400 Slump Test Set is supplied either galvanized or paint coated to prevent corrosion.
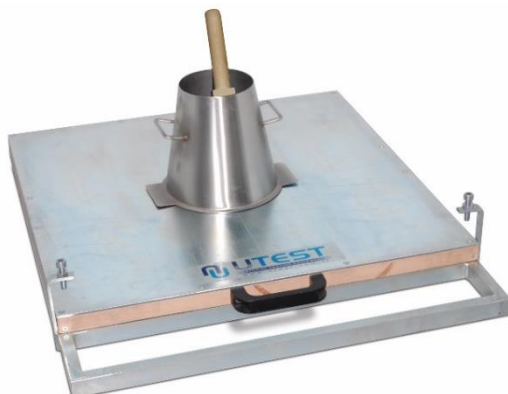
Testing Procedure

The slump testing procedure consists of filling the slump cone in layers, compacting each layer with rodding, then taking away the slump cone and measuring the vertical drop of the concrete after it is no longer confined.

Concrete Flow Table Test Set

UTC-0510

The test set is designed for concrete mixes of high workability to determine a flow index. This is calculated as the average of the sample diameter after it is allowed to flow.

UTC-0400 Components

- Slump Cone Top Dia: 100 ±2 mm / Base Dia: 200 ±2 mm / Height: 300 ±2 mm
- Slump Base Plate 500x500x60 mm with Handle
- Slump Funnel, Galvanized Steel
- Tamping Rod Ø 16x600 mm
- Rubber Mallet
- Steel Ruler 300x1 mm

UTC-0510 Components

- Flow Table
- Double steel table, upper table measuring 700x700 mm hinged at one side to the lower table. The top table is inscribed and all parts are treated for corrosion resistance
- Flow Cone
- The stainless steel cone has a 130 ±2 mm top diameter, 200 ±2 mm base diameter and 200 ±2 mm height and 1.5 mm thickness
- Wooden Tamper

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.

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, Inclinometers, Extensometers, Tiltmeters, Load Cells and Dataloggers

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