

Product Name :
Swell Test Apparatus

Product Code :
LIM-CAT-L0044-00008



Description :

Swell Test Apparatus

Technical Specification :

Swell Test Apparatus

Designed to determine the swelling pressure developed by soil specimens molded to desired densities at known moisture contents, when soaked in water. The load applied to restrain the Swelling is Transferred on to a load measuring proving ring through a perforated swell plate and a load transfer bar.

The proving ring is attached to the lead screw of the hand-operated load frame. A soaking tank is provided for saturating the specimen and the base of the mould provided has channels and radial grooves with connecting holes.

The load applied to restrain the swelling is transferred on to a load measuring proving

The outfit comprises the following:

One loading unit Hand. operated 5000 kg capacity with two rates of travel

One Gun metal mold, 100mm dia x 127.3 cm height X 1000 cc olume with base plate & collar

One perforated swell plate 100mm dia X 16mm thick

One spacer 100mm diaX 12.7mm thick

Two porous stone of 100mm dia X 12.7mm thick

One load transfer bar

One steel ball & one soaking tank, 250mm dia x 210mm high

Dial gauge 0.01mm X 25mm travel

Proving ring of 2.5 KN capacity with calibration chart and carryig case.

Optional Accessories:

High sensitivity Proving Ring, 250 kg or 500 kg fitted with 0.002 mm dial gauge with certificate in a nice wooden carrying case.

Dial Gauge 0.01mm x 25mm travel.

Dimension WxDxH : 200*100*19Smm



Laboratory instruments manufacturers India