

Swell Test Apparatus

ZI 3076



Swell Test Apparatus : ZI 3076

It is designed to determine the swelling pressure developed by soil specimens moulded to desired densities at known moisture contents when soaked in water. The load applied to restrain the swelling is transferred 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 hand operated load frame. A soaking tank is provided for saturating the specimen and the base of the mould has channels and radial grooves with connecting holes it consists one each of :

ZI 3076-1 Load Frame, Hand Operated, Capacity 50 KN (5,000 kgf)

ZI 3076-2 Mould, 100mm dia x 127.3mm height, (1,000ml volume) with base plate and collar

ZI 3076-3 Proving Ring, with integral boss, high sensitivity 2.5KN (250 Kgf) capacity

ZI 3076-4 Dial Gauge , 25mm travel, 0.01mm least count Lid & receiver in G.I. frame for 300mm dia x 450mm dia sieves

ZI 3076-5 Perforated swell plate, 100mm dia x 16mm thick

ZI 3076-6 Spencer, 100mm dia x 12.7mm thick

ZI 3076-7 Pair of Porous stones, 100mm dia x 12.7mm thick

ZI 3076-8 Load Transfer Bar

ZI 3076-9 Steel Ball

ZI 3076-10 Soaking Tank, 250mm dia x 210mm high

ZEAL INTERNATIONAL

1, Netaji Subhash Marg, Darya Ganj, New Delhi-110 002 INDIA

Ph.:+91-11-23276114, 23244474, 23277528, 23278846, Fax :+91-11-23273214, 43580558

E-mail : sales@zealinternational.com ,website : zealinternational.com