

## SHRINKAGE LIMIT TEST

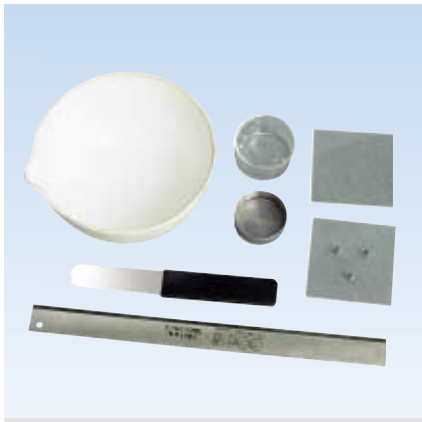
The test gives the minimum moisture content at which the soil ceases to shrink on drying. It is performed as per IS:10077, IS:2720(Part VI)

### ●● HS10.30

#### Shrinkage Limit Apparatus

The apparatus conforms to IS:10077, and the test is performed as per IS:2720(Part VI). The set consists of :-

- i) 75 mm square Prong Plate made of 3 mm thick acrylic sheet with three metal prongs.
- ii) 75 mm square Plain Plate made of 3 mm thick acrylic sheet.
- iii) Stainless Steel Shrinkage Dish 45 mm in dia, 15 mm deep.
- iv) Glass cup with ground edge, 50 mm to 55 mm dia, 25 mm deep.
- v) Flexible Spatula with 80 mm long, 20 mm wide blade.



HS10.30

#### ACCESSORIES :

- HS10.30.1 Prong plate
- HS10.30.2 Plain plate
- HS10.30.3 Shrinkage Dish
- HS10.30.4 Glass Cup
- HS10.30.5 Purified Mercury, One Kg Bottle
- HS10.30.6 Straight Edge

### ●● HS10.31

#### Plastic Limit Apparatus

Conforming to IS: 2720 (Part V)  
The apparatus consists of :

- i) Glass plate 200mm x 150mm x 3mm thick
- ii) Porcelain evaporating dish 120 mm dia.
- iii) Brass rod 3 mm dia, 100 mm long.
- iv) Flexible spatula with 80 mm long, 20 mm wide blade.
- v) Moisture Cans 50 mm dia, 12 Nos.

#### ACCESSORIES :

- HS10.31.1 Ground Glass Plate 200 mm x 150 mm x 3 mm thick.
- HS10.31.2 Porcelain Evaporating Dish, 120 mm dia.
- HS10.31.3 Brass Rod, 3 mm dia, 100 mm long
- HS10.31.4 Flexible Spatula with 80 mm long, 20 mm wide blade.
- HS10.31.5 Moisture Cans 50 mm dia.