

Field Density (Sand Pouring Cylinder) UMI-210

FIELD DENSITY TEST APP - SAND REPLACEMENT METHOD SMALL SIZE Model UMI-210A

This apparatus is used for the in place determination of the dry density of compact, fine and medium grained soils and for layers not exceeding 15 cm Thickness. The complete apparatus consists of small sand pouring cylinder. 3 litre capacity fitted with Conical funnel and shutter, cylindrical calibration container, Internal dia 100mm and internal depth 150mm fitted with a flange, metal tray 300 mm square and 40 mm deep with a 100 mm dia hole in the centre, as per IS:2720 (Part - 28). **Without Excavating tools, Glass Plate, Electronic Balance, Metal containers, Standard Sand, Rapid Moisture meter, Laboratory Oven etc. which are essential for the complete test.**



FIELD DENSITY TEST APP - SAND REPLACEMENT METHOD MEDIUM SIZE Model UMI-210B

The complete apparatus consists of Medium size sand pouring cylinder. 165mm dia fitted with Conical funnel and shutter, cylindrical calibration container, Internal dia 150mm and internal depth 150mm fitted with a flange, metal tray 450 mm square and 50 mm deep with a 200 mm dia hole in the centre, as per IS:2720 (Part - 28) **Without Excavating tools, Glass Plate, Electronic Balance, Metal containers, Standard Sand, Rapid Moisture meter, Laboratory Oven etc. which are essential for the complete test.**



FIELD DENSITY TEST APP - SAND REPLACEMENT METHOD LARGE SIZE, Model UMI-210C

This apparatus is used for the in place determination of the dry density of compact, fine and medium grained soils and for layers exceeding 15 cm but not exceeding 25 cm thickness.

Details of apparatus

The complete apparatus consists of Large sand pouring cylinder 16.5 liter capacity, cylindrical calibration container, Internal dia 200 mm and internal depth 250 mm fitted with a flange, metal tray 450 mm square and 50 mm deep with a 200 mm dia hole in the centre,



Without Excavating tools, Glass Plate, Electronic Balance, Metal containers, Standard Sand, Rapid Moisture meter, Laboratory Oven etc. which are essential for the complete test.