



S230 KIT : Balloon density apparatus

STANDARDS : ASTM D2167, AASHTO T205, CNR N. 22

Used to determine the in-situ density of fine graded compacted or bonded soil.

The apparatus is placed over the hole excavated in the soil, and water is pumped into a rubber balloon and forced into the hole. The amount of water displaced into the balloon is measured from the graduation of the scale.

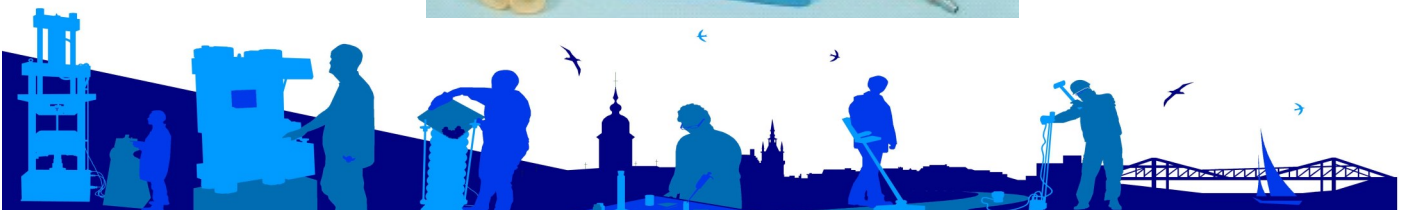
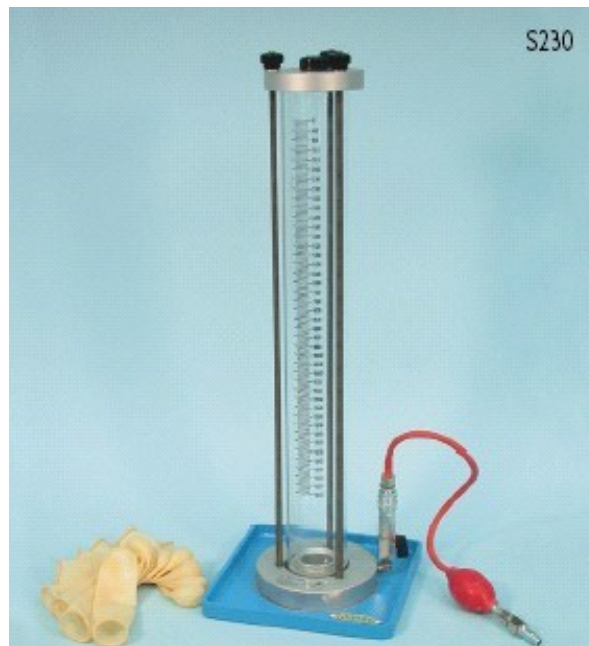
The instrument consists of a graduated plexiglass cylinder 1600 ml capacity housed within an aluminium alloy casting, a rubber pump with stop valve, a density plate and 12 rubber balloons.

Dimensions: 340x340x700 mm

Weight: 6 Kg approx.

Spare part :

S230-01 Rubber balloons



Accessories :

S240-01 Scraper

S240-02 Dibber tool

S240-05 Pointed rod

V125-03 Sample containers, tinned steel, airtight lid, 5 LT.

V188 Stainless steel trowels

V193 Steel hammer

V194 Steel Mallets

V195 Rubber Mallet

V198 Density Chisel

V199 Density Pick

V183 Round scoops, aluminium

V186 Sampling spoon



V125-03



V188



V193

