

Product Name :
Balloon Density Apparatus

Product Code :
NLAB-SOILELAB140015



Description :

Balloon Density Apparatus

Technical Specification :

Balloon Density Apparatus

This method for determining the density of in-place compacted or firmly bonded soils uses a rubber balloon apparatus. It is not suitable for very soft soil that will deform under slight pressure or in which the volume of the hole cannot be maintained at a constant value.

The cylinder is high-strength plastic, threaded and open on both ends. Each cylinder is double graduated in cubic metres and cubic feet, minimum graduation is 7cm³ (.00025 cu. ft.). The apparatus features a pressure-vacuum pump assembly, pressure gauge, quick coupler valve, double-graduated cylinder, 10 balloons and a density plate.

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