

Product Name :
Sand Density Cone Apparatus

Product Code :
ASTSOIL-0017



Description :

Sand Density Cone Apparatus

Technical Specification :

Specification: The verification of the degree of compaction can be determinate on site by a simple procedure consisting essentially in removing and weighing a part of compacted soil and replacing in the hole with sand by a simple apparatus recording the volume of sand and then calculating the density of the removed soil.

We propose three models to be selected conforming to the size of grained soils. The bigger version is recommended for gravel and coarse-grained soil.

The set includes the Double cone, two plastic sand jar and metal base plate except this model which is supplied with one acrylic sand container only.

The model 6.5" dia. (165.1 mm) model can be completed with a calibrating container. See accessories.

Sand replacement set parts

Part description		
Double cone		
Plastic sand jar (2 pieces)		
Metal base plate With flanged (rimmed) hole		
Weight approx. of complete set		

Each part can be purchased individually

Calibrating container for 35-T0129, 6.5" dia. (165.1 mm) test set. 165 mm internal diameter, 187 mm deep.

- Weight approx.: 5 kg

Standard sand 0.3 to 0.6 mm grain size conf. to ASTM/AASHTO/BS. Sack of 50 kg.

Standard sand 0.4 to 2 mm grain size conf. to CNR 22. Sack of 50 kg.

Used to dig, level and remove the soil during the field density tests.

Metal dibber. Weight 300 g

Scraper. Weight 600 g

Steel pointed rod. Weight 100 g.

Density spoon. Weight 150 g.

Rubber mallet 50 mm dia. Weight 1 kg.

Hammer, 300 g.

Club hammer, 2 kg.

Density pick. Weight 1 kg.

Chisel 300 mm long. Weight 1 kg.

Lever lid tin, 5 liters cap, Weight 100 g



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