

RELATIVE DENSITY OF COHESIONLESS SOIL

ASTM D 4253 ASTM D 4254 EN 13286-5

Used on soils which contain up to 12% (by weight) of soil passing a N° 200: (0.075 mm) sieve.

The method uses vibratory compaction to obtain maximum density and pouring to obtain minimum density.

For performing the test according to ASTM Standards, the following items are necessary:

T 652/1 (vibratory table), **T 652/4** (measuring device) and the moulds (**T 652/2** and/or **T 652/3**).

For performing the test according to EN Standards, the following items are necessary:

T 652/1 (vibratory table), **T 652/5** (EN mould and accessories). A simple vernier caliper (0.01) is sufficient for measuring.



T 652/2 - T 652/1 - T 652/5 - T 652/4 - T 652/3

T 652/1 VIBRATORY TABLE

Used to compact cohesionless soil in the relative density moulds.

Table dimensions: 762 x 762 mm (30" x 30")

Electro-magnetic vibrator: 3600 vibrations/min.

Max vibrating capacity: 250 kg.

Amplitude range: 0.05 to 0.64 mm.

Separate electric control console for wall mounting.

Power supply: 220 V, 50 Hz, single phase

T 652/2 0.1 cu. ft. COMPLETE MOULD (ASTM)

Made of galvanised steel. Dia. 152.4 x 155.19 (h) mm, with handles and guide bracket for mounting dial gauge.

Supplied complete with 25.6 kg surcharge weight

150.8 mm diameter x 228.6 mm high, and surcharge base plate with handle.

T 652/3 0.5 cu. ft. COMPLETE MOULD (ASTM)

Made of galvanised steel. Dia. 279.4 x 230.9 (h) mm, with handles and guide bracket for mounting dial gauge. Supplied complete with 86.2 kg surcharge, weight 276.2 mm diameter x 152.4 mm high, and surcharge base plate with handle.

T 652/4 MEASURING DEVICE (ASTM)

Complete with dial gauge 50 mm x 0.01, calibration rod (76.2 x 304.8 x 3.2 (h) mm) and dial support.

T 652/5 14000 cc COMPLETE MOULD (EN)

Made of galvanized steel, diameter 280 x 230 (h) mm with handles, 86.2 kg surcharge weight, surcharge base plate with handle.

T 652/P SOUND - PROOFING CABINET

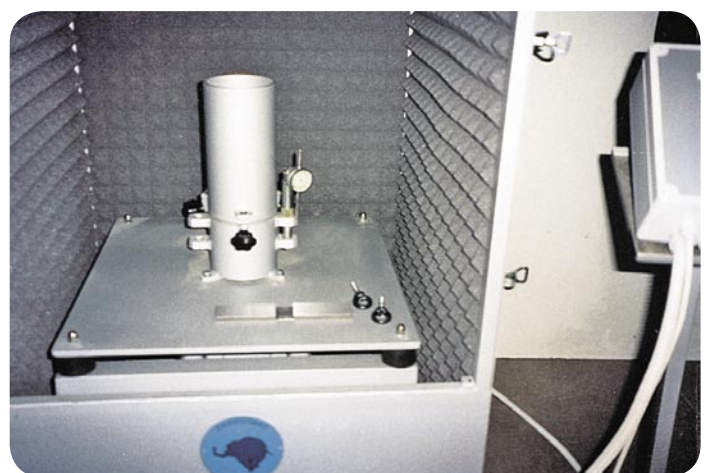
The test is particularly noisy and for this reason the machine is usually positioned inside protective casings or outside the laboratory.

This special sound-proof cabinet (in sheet steel covered in a sound-absorbing material) overcomes this inconvenience by reducing the noise level to below 75 dB thus permitting operator exposure to be increased from one hour to the whole working day.

The control panel is located on the outer wall.

Dimensions: 900 x 900 x 800 (h) mm.

Weight: 110 kg.



T 652/P