

SAND REPLACEMENT METHOD

S234 KIT

Sand density cone apparatus Ø 6,5" (165,1 mm)

STANDARDS: ASTM D1556 / AASHTOT191 / CNR N° 22
UNE 7371, 83109 / NF P94-061-3

Used to determine the in-situ density of fine grained compacted soil. The test consists in digging a hole into the ground and then collect, dry and weight the sampled soil. The hole is than filled with dry sand from the cone container.

The apparatus consists of:

S234-05 Metal double cone assembly with valve Ø 6,5"

S234-06 Metal base with fixed centre hole for cone housing

VI2I N° 2 Plastic jar, 5 litre

Galvanized against corrosion.

Dimensions: 305x305x600 mm

Weight: 6 kg

ACCESSORY for S234 KIT:

S234-01

Calibrating container



S234 KIT



S235

ACCESSORIES:

S235 STANDARD SAND for density tests, passing 600 micron and retained on 300 micron. Bag of 50 kg

S235-01 STANDARD SAND 0,4 mm to 2 mm. CNR N° 22
Bag of 50 kg

Sand replacement apparatus

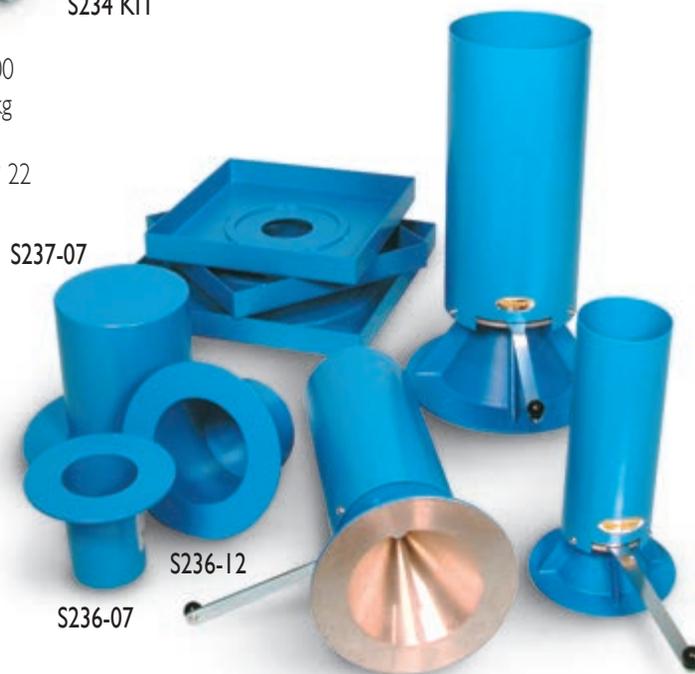
STANDARDS: BS 1377:9, 1924:2

Used to determine the in-situ density of fine grained compacted soil.

The apparatus consists of: sand pouring cylinder with shutter made of cast aluminium and accurately machined, upper cylinder, metal tray with fixed centre hole for cone housing.

The cylinder is available with 100, 150 and 200 mm diameter (200 mm Ø is recommended for coarse grained soil and gravel).

Weight: 10÷24 kg



S236 KIT ÷ S237 KIT

S231 KIT

Sand density cone apparatus Ø 12" (304,8 mm)

Similar to mod. S234 KIT but recommended for coarse grained soil and gravel (over 38 mm diameter).

The apparatus consists of:

S231-05 Metal double cone assembly with valve, Ø 12"

S231-06 Metal base with fixed centre hole for cone housing.

S231-11 Plastic jar, 10 litre complete of cone fixing device..

Weight: 20 kg

ACCESSORY for S231 KIT:

S231-01

Calibrating container



S231-01

S231 KIT



Model:	Ø mm	Consisting of:	Pouring cylinder, shutter and upper cylinder	Metal tray with centre hole	Optional accessory: Calibrating container
S236 KIT	100		S236-05	S236-06	S236-07
S236-01 KIT	150		S236-10	S236-11	S236-12
S237 KIT	200		S237-05	S237-06	S237-07