Product name:	Product code:
Nuclear-Free Sand Replacement Field Density Kit 150 mm	CMI-IND-0008

Description

Field density apparatus using the sand replacement method with a 150 mm pouring cylinder for compacted fill and sub-base layers. Used by site QA teams on highways, runways and embankments.

Technical specification

- Pouring cylinder with shutter
- Base tray
- Carrying case

A calibrated pouring cylinder deposits graded Ennore sand into a hand-excavated test hole to measure its volume, from which in-place dry density is calculated. This kit is suited to coarse and mixed soils where core cutters are not practical. It forms a standard QA check for compaction control on earthwork sites.

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Features

- Pouring cylinder of 3 litre and 7 litre sizes with shutter
- Calibrating container with known volume
- Rugged base plate with 165 mm and 200 mm holes
- Portable field carry case
- Calibration conforms to standard mould volume

Technical Specifications

Pouring cylinder	3 litre, 150 mm dia, 7 litre optional
Calibrating can	100 mm dia x 150 mm height
Tray hole sizes	165 mm and 200 mm dia
Sand type	Ennore standard sand, IS 650
Material	Mild steel and galvanised sheet
Standards	IS 2720 Part 28, ASTM D1556
Balance (supplied)	15 kg x 1 g field balance

Standard Accessories