RELATIVE DENSITY TEST SET

Code : T045



- Used to determine the maximum-index dry density/unit weight of cohesionless, free-draining soils using a vertically vibrating table.
- For many cohesionless free-draining soils, the maximum index density/unit weight is one of the key components in evaluating the state of compactness of a given soil mass that is either naturally occurring or placed during construction.
- Relative density and percent compaction are commonly used for evaluating the state of compactness of a given soil mass. Density/unit weight index is also sometimes used.

STANDARDS

ASTM D2453 • EN 13286-5

TECHNICAL SPECIFICATIONS

- Electromagnetic (760 mm x 760 mm)
- 220 - 240 V / 50 - 60 Hz

ASTM Model:

- Moulds:
  - 0.500 cu.ft. (14,200 cm^3) / Ø 11” (279.40 mm)
  - 0.100 cu.ft. (2,830 cm^3) / Ø 6” (152.40 mm)
- Surcharge Weight:
  - 56.50 lb (25.6 kg) for Ø 6” mould
  - 190 lb (86.2 kg) for Ø 11” mould

EN Model:

- Mould:
  - 0.500 cu.ft. (14,200 cm^3) / Ø 11” (279.40 mm)
- Surcharge Weight:
  - 190 lb (86.2 kg) for Ø 11” mould

ORDERING INFORMATION

Item Name	Item Code
RELATIVE DENSITY MOULD - 0.5 ftł	T045P001H
RELATIVE DENSITY MOULD - 0.1 ftł	T045P002H
POURING FUNNEL - Ø 25 mm	T045P003H
POURING FUNNEL - Ø 12.5 mm	T045P004H
RELATIVE DENSITY SET - ASTM [60 Hz]	T045X00AK

RELATIVE DENSITY SET - ASTM	T045X00AU
RELATIVE DENSITY SET - EN [60 Hz]	T045X00EK
RELATIVE DENSITY SET - EN	T045X00EU