CONCRETE > FRESH CONCRETE TESTS

COMPACTING FACTOR APPARATUS

Code : B185



- Used to determine the compacting factor of concrete of low, medium, and high workability.
- The apparatus consists of two conical hoppers attached above a cylinder, that are aligned on a robust steel frame.
- Each hopper is equipped with a hinge for a Quick Release mechanism.
- The compacting factor is the ratio between the weight of the concrete, which is partially compacted in the cone, to the weight of the fully compacted concrete in the cylinder.
- Both the hoppers and cylinder are of rigid construction and made of metal not readily attacked by cement paste.

STANDARDS

BS 1881-103

TECHNICAL SPECIFICATIONS

B185	Upper Hopper	Lower Hopper	Bottom Cylinder Mould
Upper Diameter	Ø 260 mm	Ø 240 mm	Ø 150
Lower Diameter	Ø 130 mm	Ø 130 mm	-
Internal Height	280 mm	240 mm	285 mm

SUPPLIED WITH

- Tamping Rod
  - A round, smooth, straight steel rod
  - Both ends rounded to a hemispherical tip
  - Ø16 mm x 600 mm

ORDERING INFORMATION

Item Name	Item Code
COMPACTING FACTOR APPARATUS	B185X00BH