

# 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                        | Code         |
|-----------------------------|--------------|
| COMPACTING FACTOR APPARATUS | B 185 X00B H |