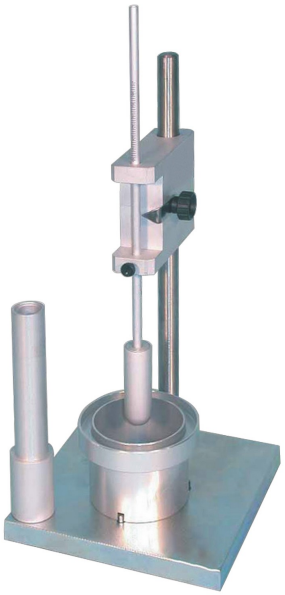
CEMENT > WORKABILITY & CONSISTENCY

PLUNGER PENETRATION APPARATUS

Code : C094



- The Plunger Penetration Apparatus is designed to determine the consistency of fresh mortar, lime, and masonry cement by measuring the depth of penetration of a standardized plunger into the material.
- This method provides a reliable assessment of workability, ensuring that the material meets the required consistency for application in construction projects.
- The apparatus consists of a sturdy steel base with a recess to accommodate the test cup and a vertical column supporting the plunger assembly, ensuring precise alignment during testing.
- The plunger assembly, weighing 90 g, is designed to drop from a height of 100 mm, providing consistent and repeatable penetration measurements.
- A tamper with specified dimensions is included to prepare the mortar sample uniformly within the test cup, enhancing the accuracy of the test results.

STANDARDS

EN 413-2 • EN 459-2 • EN 1015-4

SET

- Plunger Weight: 90 g
- Drop Height: 100 mm
- Test Cup Dimensions: Ø80 mm × 70 mm
- Tamper Dimensions: Ø40 mm × 200 mm, 250 g
- Frame Material: Steel

ORDERING INFORMATION

Item Name	Item Code
PLUNGER PENETRATION APPARATUS	C094X00EH