

# GROUT FLOW CONE APPARATUS

Code : C024



- The Grout Flow Cone Apparatus is engineered to determine the flowability of fluid hydraulic cement grouts by measuring the time of efflux through a standardized cone.
- This method is crucial for evaluating the consistency of grouts used in preplaced-aggregate concrete and other applications, ensuring optimal performance and workability.
- Constructed from durable materials, the apparatus features a precision-machined cone with a replaceable orifice, facilitating accurate and repeatable measurements.
- The design includes a stable stand and a graduated beaker for collecting effluxed grout, allowing for efficient testing in both laboratory and field environments.
- Compliance with international standards ensures the apparatus's suitability for quality control and specification compliance in various construction projects.

## **STANDARDS**

ASTM C939 • EN 445

**TECHNICAL SPECIFICATIONS**

| Standard          | ASTM C939        | EN 445          |
|-------------------|------------------|-----------------|
| Upper Diameter    | Ø 7" (178 mm)    | Ø 152 mm        |
| Cone Height       | 7.5" (190 mm)    | 280 mm          |
| Discharge Opening | Ø 1/2" (12.7 mm) | 10 mm           |
| Level Indicator   | x2               | N/A             |
| Volume of Grout   | 1725 ml          | 1700 ml         |
| Mesh              | N/A              | Aperture ≤ 2 mm |

**SUPPLIED WITH**

- 1000 ml graduated beaker
- Stable stand

**ORDERING INFORMATION**

| Item                             | Code      |
|----------------------------------|-----------|
| GROUT FLOW CONE APPARATUS - ASTM | C024X00AH |
| GROUT FLOW CONE APPARATUS - EN   | C024X00EH |