

# GROUT FLOW CONE APPARATUS (C024)

Category: Cement



**Product Code:** C024

**Category:** CEMENT

**Sub-Category:** FLUIDITY

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- 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

ASTM Model	EN Model
ASTM C939	EN 445
Level Indicators (x2) - Ø 0.2" (5 mm)	Mesh Opening : ≤ 2 mm
Volume of Grout : 1725 ml (± 5 ml)	Upper Diameter : 152 mm
Upper Diameter : Ø 7" (178 mm)	Cone Height : 280 mm
Cone Height : 7.5" (190 mm)	Discharge Opening : 10 mm
Discharge Opening : Ø 1/2" (12.7 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

*Keywords: Grout Flow Cone, cement grout flow test, ASTM C939, EN 445, hydraulic cement testing, grout consistency measurement, flowability apparatus, preplaced-aggregate concrete testing, ALFA Testing Equipment, grout efflux time tester*