

CEMENT AIR ENTRAINMENT METER (C320)

Category: Cement



Product Code: C320

Category: CEMENT

Sub-Category: AIR CONTENT

- The Cement Air Entrainment Meter is designed to accurately measure the air content in freshly mixed cement mortars and lime-based materials, a critical parameter influencing durability and resistance to freeze-thaw cycles.
 - Utilizing the pressure method, the apparatus determines the percentage of entrained air by equalizing a known volume of air in the pressure chamber with the unknown volume in the specimen, ensuring precise and reliable results.
 - Constructed with a robust aluminum vessel and a precision pressure gauge, the meter offers durability and ease of use in both laboratory and field settings.
 - The device features a quick-release clamping system and an integral hand-operated pump, facilitating efficient testing procedures and minimizing operator fatigue.
 - Compact and lightweight, the meter is suitable for on-site quality control, aiding in the assessment of workability and the effectiveness of air-entraining agents in cementitious mixes.
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STANDARDS

EN 413-2 • EN 459-2 • EN 1015-7

TECHNICAL SPECIFICATIONS

- Volume: 1 liter
- Pressure Gauge Accuracy: $\pm 0.1\%$
- Construction Material: Aluminum
- Clamping System: Quick-release clamps
- Pump Type: Integral hand-operated
- Weight: Approximately 7.3 kg

ORDERING INFORMATION

Item	Code
CEMENT AIR ENTRAINMENT METER - 1 lt	C320X00XH

Keywords: Cement Air Entrainment Meter, air content measurement, EN 413-2, EN 459-2, EN 1015-7, mortar testing, lime testing, pressure method, ALFA Testing Equipment, cement quality control, air-entraining agents