CEMENT > AIR CONTENT

# CEMENT AIR ENTRAINMENT METER

Code : C320



- 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.

## STANDARDS

EN 459-2 • EN 1015-7

## TECHNICAL SPECIFICATIONS

- Volume: 1 liter
- Pressure Gauge Accuracy: ±0.1%
- Construction Material: Aluminum
- Clamping System: Quick-release clamps
- Pump Type: Integral hand-operated

## ORDERING INFORMATION

| Item Name | Item Code |
|---|---|
| CEMENT AIR ENTRAINMENT METER - 1 lt | C320X00XH |