

VICAT APPARATUS

Code : C090



- The Vicat Apparatus is designed to determine the setting time and consistency of hydraulic cement and lime, essential parameters for assessing material performance in construction applications.
- It features a movable rod with a total weight of 300 g, equipped with interchangeable needles and a plunger to perform various tests, including initial and final setting time and standard consistency.
- The apparatus includes a graduated scale for precise measurement of needle penetration, ensuring accurate and repeatable results in accordance with international standards.
- Constructed with a rigid frame and durable materials, the Vicat Apparatus is suitable for both laboratory and field environments, providing reliable performance over extended use.
- Optional automatic models are available, offering programmable testing procedures and digital data acquisition for enhanced efficiency and documentation.

STANDARDS

ASTM C187 • ASTM C191 • EN 196-3 • AASHTO T129 • AASHTO T131

TECHNICAL SPECIFICATIONS

| Standard | ASTM C187 - C191 | EN 196-3 |
|---------------------|------------------------|------------------------|
| Movable rod weight | 300 g | 300 g |
| Vicat Mould | Ø 60 / Ø 70 mm x 40 mm | Ø 70 / Ø 80 mm x 40 mm |
| Needle | Ø 1 mm | Ø 1.13 mm |
| Consistency Plunger | Ø 10 mm | Ø 10 mm |
| Container | | |
| Thermometer | | |
| Glass Plate | | |

SUPPLIED WITH

- Vicat Apparatus (Code: C090)
- Vicat Mould (ASTM or EN compliant)
- Setting Time Needle (ASTM or EN compliant)
- Consistency Plunger
- Glass Plate

ORDERING INFORMATION

| Item | Code |
|----------------------------------|-----------|
| VICAT APPARATUS - ASTM | C090H00AH |
| VICAT APPARATUS - EN | C090H00EH |
| AUTOMATIC VICAT APPARATUS - ASTM | C090A00AH |

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| AUTOMATIC VICAT APPARATUS - EN | C090A00EU |
| VICAT MOULD - ASTM | C090P001H |
| VICAT MOULD - EN | C090P002H |
| VICAT INITIAL SETTING TIME NEEDLE - ASTM | C090P003H |
| VICAT INITIAL SETTING TIME NEEDLE - EN | C090P004H |
| VICAT FINAL SETTING TIME NEEDLE - EN | C090P006H |
| CONICAL PENETRATION NEEDLE - EN 13279-2 | C090P007H |
| VICAT WEIGHT - 700 g | C090P008H |
| CONSISTENCY PLUNGER for VICAT APPARATUS - Ø 10 mm | C090P009H |

OTHER PHOTOS

