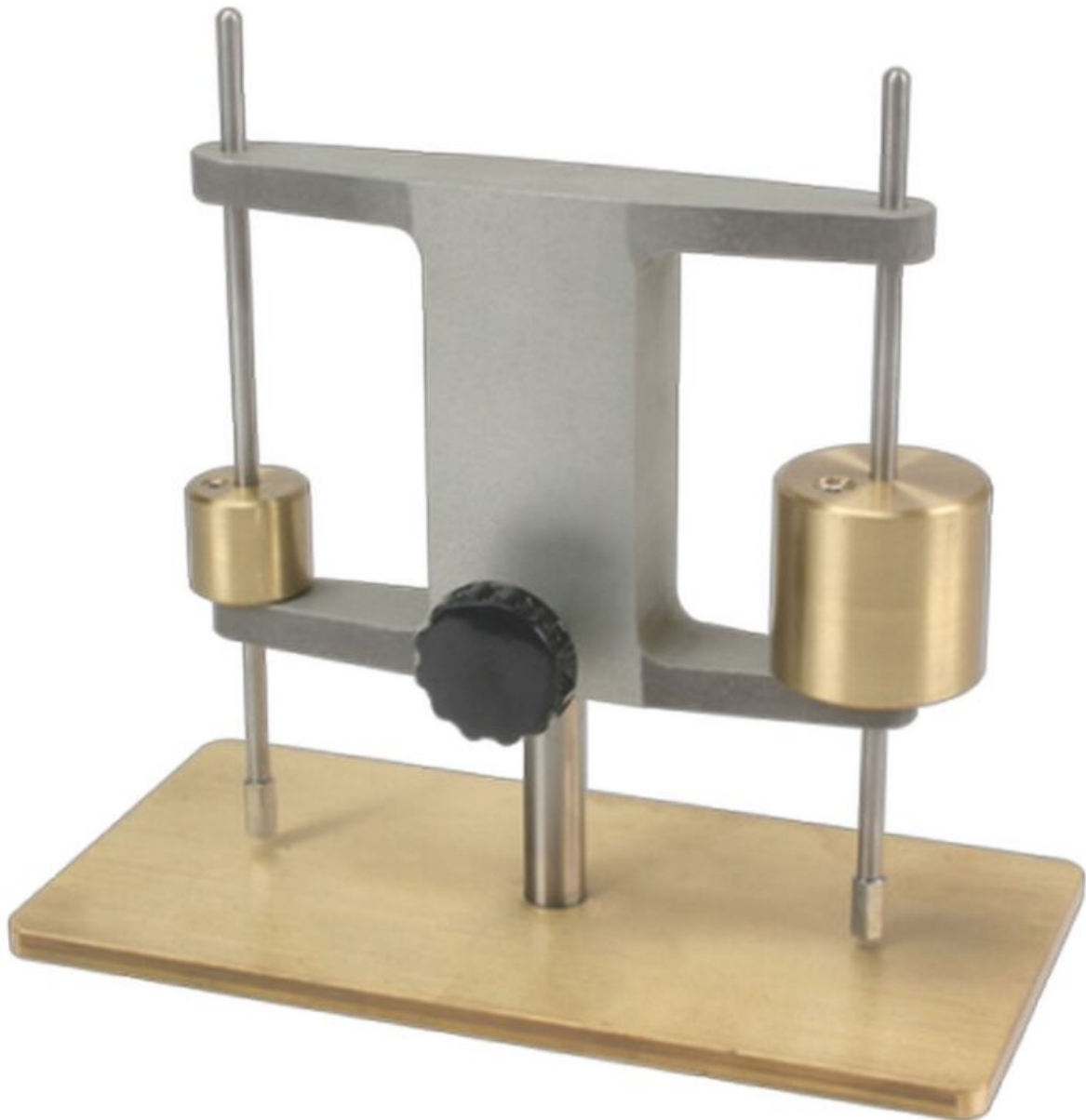


GILLMORE APPARATUS (C095)

Category: Cement



Product Code: C095

Category: CEMENT

Sub-Category: SETTING TIME

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- The Gillmore Apparatus is utilized to determine the initial and final setting times of hydraulic cement paste by employing Gillmore needles, as specified in ASTM C266.

- This method assesses whether a cement sample meets the required setting time limits, ensuring compliance with relevant standards.
 - The apparatus comprises two stainless steel needles: one for initial setting time and another for final setting time, each with specified weights and tip diameters.
 - The initial setting time needle has a weight of 113.4 ± 0.5 g and a tip diameter of $\varnothing 2.12 \pm 0.05$ mm.
 - The final setting time needle has a weight of 453.6 ± 0.5 g and a tip diameter of $\varnothing 1.06 \pm 0.05$ mm.
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STANDARDS

ASTM C266 • ASTM C414 • AASHTO T154

TECHNICAL SPECIFICATIONS

- Initial setting time needle:
 - Weight: 113.4 ± 0.5 g
 - Tip: $\varnothing 2.12 \pm 0.05$ mm
- Final setting time needle:
 - Weight: 453.6 ± 0.5 g
 - Tip: $\varnothing 1.06 \pm 0.05$ mm

ORDERING INFORMATION

Item	Code
GILLMORE APPARATUS	C095X00AH

Keywords: Gillmore Apparatus, cement setting time tester, ASTM C266, AASHTO T154, hydraulic cement testing, initial and final set time, cement paste testing, ALFA Testing Equipment, cement laboratory equipment, setting time determination