

CEMENT > SETTING TIME

GILLMORE APPARATUS

Code: C095



- 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.
- \bullet The initial setting time needle has a weight of 113.4 g and a tip diameter of Ø 2.12 mm.
- The final setting time needle has a weight of 453.6 g and a tip diameter of Ø 1.06 mm.

STANDARDS

ASTM C266 • ASTM C414 • AASHTO T154-15



TECHNICAL SPECIFICATIONS

• Initial setting time needle:

o Weight: 113.4 g

o Tip: Ø 2.12 mm

• Final setting time needle:

o Weight: 453.6 g

o Tip: Ø 1.06 mm

ORDERING INFORMATION

Item	Code
GILLMORE APPARATUS	C095X00AH