



## GILLMORE NEEDLE APPARATUS - (ASTM C266, AASHTO T154)

### Compliance Standards:

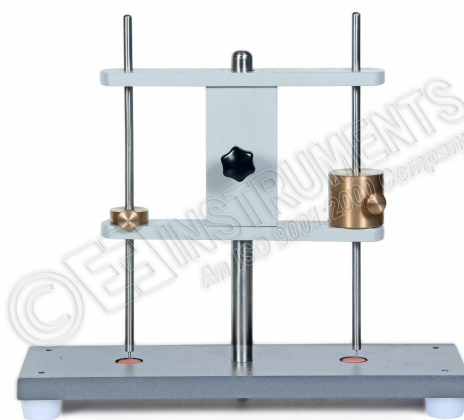
ASTM C266, AASHTO T154

### Applications:

Used to determine initial and final set times of portland cement, masonry cement, hydraulic hydrated lime and certain mortars.

### Details:

- The adjustable support has horizontal arms to guide two weighted needles with flat-end cylindrical stainless steel tips.
- The support assembly is adjustable. **Base has ample flat shelf for positioning specimens.**
- The two steel needle weights are calibrated to meet specifications.
- The needle points are manufactured from stainless steel.
- **The initial setting needle is 2.12 mm in diameter and weighs 113 grams.**
- **The final setting needle is 1.06 mm in diameter and weighs 453.6 grams.**
- **Supplied with 02 Nos glass plates - Dimension  $100 \pm 5$  mm square**
- **Also supplied complete with 02 Nos Cement paste pat Mould (Base diameter  $76 \pm 13$  mm & Top diameter  $50 \pm 13$  mm)**



### Features:

- Meets several ASTM and AASHTO test methods for set-time testing
- Includes initial and final-set needles
- Large base to position specimens

### Technical Specification

- Overall Dimensions : 230 X 100 X 260 (L X W X D) mm
- Weight (Approx.) : 3.30 KG

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