

**Product Name :**  
Cement Setting Time Gillmore Needle Apparatus

**Product Code :**  
CHINAELABC5450017



**Description :**

Cement Setting Time Gillmore Needle Apparatus

**Technical Specification :**

Used to determine initial and final set times of portland cement, masonry cement, hydraulic hydrated lime and certain mortars.  
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)  
Meets several ASTM and AASHTO test methods for set-time testing  
Includes initial and final-set needles  
Large base to position specimens

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# Engineering Lab China

