

# HİRA TESTING EQUIPMENT

## Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)	Power Supply
HR-CE9120	Automatic Vicat Test Set, EN	36x62x58	42	220 V, 50-60 Hz, 1ph
HR-CE9123	Automatic Vicat Test Set, ASTM	36x62x58	42	220 V, 50-60 Hz, 1ph

## Spare Parts & Accessories:

Product Code	Product Name	Dimensions (mm)	Weight (kg)
HR-CE9120/1	Automatic Vicat Apparatus	360x620x580	40
HR-CE9120/2	Vicat Mould, EN	Ø 70/80 x 40	0,3
HR-CE9120/3	Initial Needle, EN	Ø 1,13	0,1
HR-CE9120/4	Final Needle, EN	Ø 1,13	0,1
HR-CE9120/5	Consistency Plunger	Ø 10x50	0,1
HR-CE9120/6	Glass Plate	Ø 120	0,1
HR-CE9120/7	Additional Weight, EN	---	0,700
HR-CE9120/8	Needle Cleaning Device	---	---
HR-CE9123/1	Vicat Mould, ASTM	Ø 60/70 x 40	0,3
HR-CE9123/2	Vicat Needle, ASTM	Ø 1	0,1
HR-CE9120/9	Software	---	---
HR-CE9120/10	Thermostatic Bath	---	---
HR-CE9120/11	Conical Penetration Needle	Ø 8x50	---
HR-CE9120/12	Probe	---	0,1



HR-CE9120

## GILLMORE APPARATUS

STANDARDS: ASTM C91, C141, C266, AASHTO T154

Gillmore Apparatus is used to determine the setting time of cement.

Vertical support shaft has a device to maintain the horizontal arms in alignment. Support assembly is adjustable in position. The two steel weights needles are calibrated to meet specifications. Needle points made from stainless steel. The Initial Setting Needle has Ø 2,12 mm and weight of 113 g, while the Final Setting Needle has Ø 1,06 mm and weight of 453,6 g.

## Technical Specifications:

Product Code	Product Name	Dimensions (cm)	Weight (kg)
HR-CE2175	Gillmore Apparatus	30x10x30	3

## Spare Parts & Accessories:

Product Code	Product Name	Dia. (mm)	Weight (g)
HR-CE2175/1	Initial Setting Needle	2,12	113
HR-CE2175/2	Final Setting Needle	1,06	453,6



HR-CE2175

## FLOW CHANNEL TEST APPARATUS (FUNNEL GROOVE)

STANDARDS: EN 13395-2, UNI 8997

Used to determine the consistency of the expansion premixed cement mortars for anchorages, mixed with water, classified of super-fluid type.

## Technical Specifications:

Product Code	Product Name	Weight (kg)
HR-CE2200	Funnel Groove	20



HR-CE2200