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Product Name :

Automatic Vicat apparatus

Product Code :

SLE/CE/54



Description :

Automatic Vicat apparatus (Product Code: SLE/CE/54) is a programmable touch-screen instrument used to run cement setting-time tests without an operator in cement plant, research and construction-materials laboratories. It can repeat penetrations as often as every 10 seconds and calculates initial and final setting times at user-programmed penetration depth limits. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory equipment supplier in India for local and overseas buyers.

Specifications

Parameter	Detail
Display	4.3 in colour touch screen
Power	50 W
Dimensions (L × W ×H)	200 × 400 × 410 mm
Weight	10 kg (approx.)
Minimum penetration rate	10 seconds
Setting time	Automatic calculation of initial and final setting time at programmable penetration depth limits
Test procedures	Can be customised and stored to match user-defined requirements
Data storage	USB port for data storage on pen drive (pen drive included)
Networking	LAN port for direct PC connection, or to a LAN hub for a network of up to 32 independent units controlled by one PC; 1 LAN cable included
Printer	Can incorporate an integrated graphic printer showing the test result and setting-time plot
Test space	Large test space with easy accessibility
Accessories available	EN and ASTM/AASHTO parts, in-water testing kit, needle cleaning device, integrated printer, probes for testing consistency and gypsum
Product code	SLE/CE/54
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Automatic Vicat Apparatus Used For?

A manual Vicat test needs someone to lower the needle and note the result at regular intervals for hours; the automatic apparatus performs the penetrations itself and records the depth each time, so initial and final setting times are read consistently. It suits cement plants, ready-mix and research laboratories, and university departments that run many setting-time tests or need electronic records.

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