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Product Name :

Automatic digital compression testing machine

Product Code :

SLE/CE/01



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Description :

Automatic digital compression testing machine (Product Code: SLE/CE/01) is a hydraulicload frame with a digital controller used to crush hardened concrete specimens and record their compressive strength in civil engineering and materials testing laboratories. It is offered in 2000 kN and 3000 kN capacities, and once the specimen parameters are entered a single press of the start button runs the complete automatic test cycle. This engineering lab equipment in India is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Capacity	2000 kN or 3000 kN
Test cycle	Fully automatic with standard rapid approach; closed-loop digital readout
Control system	Graphical LCD data acquisition and control system with menu-driven software
Load rate control	1 kN/s to 20 kN/s; control accuracy listed as ±5
Load accuracy	Class 1 from 10% of full range
Live display	Load vs time plot and instantaneous load rate
Data storage	Up to 256 tests
Output	RS 232 port for printer or PC
PC software	For test control and advanced report printout (confirm inclusion in your quotation)
Main parts	Load frame, power pack, data acquisition and control system
Power	750 W
Oil capacity	20 L
Upper and lower platen diameter	300 mm
Piston diameter	250 mm or 300 mm, depending on version
Maximum piston movement	50 mm
Horizontal clearance	360 mm or 425 mm, depending on version
Maximum vertical clearance between platens	340 mm
Maximum working pressure	410 bar
Platen surface roughness	? 3.2 µm (loading and auxiliary platens)
Dim	810 x 500 x 970 mm
Wei	
Proc	

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