Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Accelerated Curing Tank

Product Code :

SLE/CE/10



Science Lab
Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Accelerated Curing Tank (Product Code: SLE/CE/10) is an insulated, temperature-controlled curing tank used for hot water or steam curing of concrete cubes in accelerated strength testing,in civil engineering and concrete quality-control laboratories. It holds 150 mm or 70.6 mm cube moulds on two removable racks, from 6/12 up to 36/72 moulds by model, and controls curing at35 °C or 100 °C ± 2 °C for concrete or 27 °C ± 2 °C for grey cement. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of scientific and engineering lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Mould size accepted	150 mm or 70.6 mm cube moulds
Capacity by model	6/12, 12/24, 24/48 or 36/72 moulds (150 mm / 70.6 mm)
Curing temperature, concrete	Controlled at 35 °C or 100 °C ± 2 °C
Curing temperature, grey cement	Controlled at 27 °C ± 2 °C
Temperature note	Set temperature is held except for the 15 minutes after freshly made specimens are immersed
Heating and cooling	Immersion heater under normal conditions; refrigeration system for grey cement curing
Curing modes	Hot water curing or steam curing
Cycle	24 hour cycle from time of mixing
Programmer	Electronic; controls up to four test cycles with different thermal gradients and curing times for a fully automatic curing cycle
Printer	28 column thermal printer on the control panel
Construction	Stainless steel interior; fully insulated; hinged lid
Fitted equipment	Heater, thermostat and re-circulating pump; pump, drain valves and electrical equipment housed in a compartment at one end
Racks	Two removable racks allowing free water circulation around each mould
Product code	SLE/CE/10
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Accelerated Curing Tank Used For?

Waiti ated
curin ot
water
teste

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