



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

CURING TANK-HEATING + COOLING-FOR 12 CUBES OF 70.6 MM



CURING TANK-HEATING + COOLING-FOR 12 CUBES OF 70.6 MM

FOR CONDITIONING OF CEMENT TEST SAMPLES AS PER DETAILS OF CLAUSE 6.3 OF IS: 4031 (PART 6)

Tank will consist of a rectangular double walled metal cabinet, inner chamber made of thick gauge stainless steel. Outer chamber made of Galvanized sheet - powder coated. Specially designed L shaped High wattage heaters will be mounted in the chamber in such a way that, it facilitates easy replacement within 5 minutes by normal skilled person. It will have facility to circulate water inside the chamber by stirrer to maintain the uniform temperature of water. Inside the chamber there will be a heavy gauge stainless steel perforated platform with ribs to withstand the heavy load of the cubes. It will also have a lid with lifting handle to cover the chamber.

The front panel will have power supply indicating lamp and one main switch suitable for operation on 230 V, 50 Hz single phase, AC supply. It will also have a DIGITAL Auto tuning PID temperature indicator cum controller fitted on the front panel.

1. Floor model, heavy duty wheels for mobility.
2. Temperature Range: 27°C
3. Temp. Control: Digital Indicator cum controller
4. Resolution: 0.1°C
5. Control Accuracy: $\pm 1^\circ\text{C}$
6. Uniformity: $\pm 2^\circ\text{C}$
7. Refrigeration system with Emersion make compressors
8. Inner made of 304 grade stainless steel.
9. Outer made of G.I..
10. Double folded hinged Lid made of S.S.304
11. Water circulating pump cum stirrer for uniform temperature.

12. Polyurethane Insulation (PUF)
13. Provided with water inlet and outlet valves.
14. Power Consumption: 230 V, 50 Hz single Phase.
15. with stand or shelf for keeping cubes
16. Capable to accommodate 12 cubes of 7.06 cm at a time
17. Supplied without Cube Moulds and cube holding S.S.Cage.

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GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F