

CURING TANKS

STANDARDS: EN 12390-2, ASTM C31, C192, C511

Curing Tanks are designed for curing concrete cubes and cylinders.

The temperature can be adjusted and can be kept constant by an electric resistance incorporating a digital thermo regulator which maintains the set temperature between ambient to 40 °C with ± 2 °C accuracy.

Supplied complete with Thermostat Controlled Heater, Base Metal Rack and Submersible Circulator Pump.

Cooling Unit is available as optional. Cooling Unit (should be factory installed) should be ordered separately.

Set of Removable Upper Racks, Cover for Curing Tank and Tong for Cube Mould should be ordered separately.

K-Type 4 Channels Datalogger is available as optional. RS 232 Interface and 16000 memory capacity. Resolution is 0,1°C in -200,0°C...+200°C.

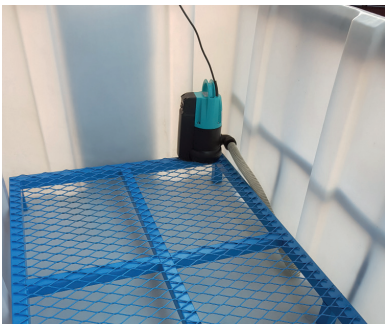
K-Type Thermocouple Cable and Connector should be ordered separately.

Standard Control Device is available as optional. Standard Control Device has 2 pieces 4 Digit Display, Auto-Tuning (automatic setting of PID parameters), Sensor Fault Detection. Usb to RS 485 Cable is needed and should be ordered separately.

Advanced Control Device with Datalogger is available as optional. Advanced Control Device has 2 pieces 4 Digit Display, PID Heating/Cooling, Auto-Tuning (automatic setting of PID parameters), Automatic/Manual Operating Modes, Sensor Fault Detection. Datalogger for Advanced Control Device has 5 pieces Isolated Analog Input Channel, USB 1.1 and 2.0 Compatible PC Connection, Unlimited Recording Capacity, Excel, Access, Text, HTML and PDF reporting format.



HR-C0450



HR-C0450/1 with HR-C0450/3



HR-C0477



HR-C0450/1



HR-C0475



HR-S5415 with HR-C0450/4



HR-C0450/4 with HR-C0450/5

Technical Specifications:

| Product Code | Product Name | Mould Capacity (pieces) | | Int. Dimensions (cm) | Weight (kg) | Power Supply |
|--------------|------------------------------------|-------------------------|---------------------|----------------------|-------------|-----------------------|
| | | Cube 15x15 cm | Cylinder Ø 15x30 cm | | | |
| HR-C0450 | Large Curing Tank, Polyethylene | 390 | 195 | 100x200x80 | 130 | 220 V, 50-60 Hz, 1 ph |
| HR-C0455 | Small Curing Tank, Polyethylene | 220 | 110 | 80x185x70 | 90 | 220 V, 50-60 Hz, 1 ph |
| HR-C0460 | Small Curing Tank, Metal | 108 | 54 | 77x160x70 | 95 | 220 V, 50-60 Hz, 1 ph |
| HR-C0465 | Small Curing Tank, Stainless Steel | 108 | 54 | 77x160x70 | 115 | 220 V, 50-60 Hz, 1 ph |

Spare Parts & Accessories:

| Product Code | Product Name | Dimensions (mm) | Weight (kg) | Power Supply |
|--------------|-------------------------------------------------------------------------|-----------------|-------------|-----------------------|
| HR-C0470 | Cooling Unit | 1000x500x800 | 90 | 220 V, 50-60 Hz, 1 ph |
| HR-C0475 | Portable Curing Tank Heater | --- | --- | 220 V, 50-60 Hz, 1 ph |
| HR-C0477 | Portable Heater. 40 cm. | --- | --- | 220 V, 50-60 Hz, 1 ph |
| HR-C0478 | Portable Heater. 60 cm. | --- | --- | 220 V, 50-60 Hz, 1 ph |
| HR-C0450/1 | Set of Removable Upper Racks (6 pcs) for HR-C0450 | --- | --- | --- |
| HR-C0450/2 | Curing Tank Heater | --- | --- | 220 V, 50-60 Hz, 1 ph |
| HR-C0450/3 | Circulating Pump | --- | --- | 220 V, 50-60 Hz, 1 ph |
| HR-C0450/4 | Curing Tank Digital Indicator | --- | --- | 220 V, 50-60 Hz, 1 ph |
| HR-C0450/5 | Curing Tank Resistance | --- | --- | --- |
| HR-C0450/6 | Cover for HR-C0450 | --- | --- | --- |
| HR-C0455/1 | Cover for HR-C0455 | --- | --- | --- |
| HR-C0460/1 | Cover for HR-C0460 | --- | --- | --- |
| HR-C0465/1 | Cover for HR-C0465 | --- | --- | --- |
| HR-C0455/2 | Set of Removable Upper Racks (6 pcs) for HR-C0455 & HR-C0460 & HR-C0465 | --- | --- | --- |
| HR-C0715 | Tong for Cube Mould | 140x900x50 | 2,5 | --- |
| HR-C0480 | K-Type 4 Channels Datalogger | 184x64x30 | 0,210 | 1 x 9V AC Adapter |
| HR-C0960 | K-Type Thermocouple Cable, 1 m for HR-C0480 | --- | --- | --- |
| HR-C0961 | Connector, 1 pcs. for HR-C0480 | --- | --- | --- |
| HR-C0485/1 | Advanced Control Device | 48x48x108 | --- | 24 V DC |
| HR-C0485/2 | Datalogger for HR-C0485/1 | 72x112x26 | --- | --- |
| HR-C0490/1 | Standard Control Device | 48x48x108 | --- | 24 V DC |
| HR-C0490/2 | Usb to RS 485 Cable for HR-C0490/1 | --- | --- | --- |
| HR-C0490/3 | Software for HR-C0490/1 | --- | --- | --- |

