



ZEAL INTERNATIONAL (An ISO 9001 Certified Company)

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Curing Tank ZI 2045

Standards:

Specification:

Curing Tank or Concrete Curing Tank is used for the curing of concrete samples for at least 8 hours. The purpose of curing is to ensure that all concrete samples are similar with regards to quality and strength.

- 24 Hour cycle from time of mixing.
- Controlled 35°C or $100^{\circ}\text{C} \pm 2^{\circ}\text{C}$ Curing Temperature for concrete.
- Controlled $27^{\circ}\text{C} \pm 2^{\circ}\text{C}$ Curing Temperature for grey cement.



This curing tank has been designed to accommodate 150mm / 70.6mm cube moulds and upto 36/72 cube mould can be cured in one go. The tank is fully insulated, comes complete with a hinged lid, heater, thermostat and re-circulated pump. Provision of two removable racks allows free circulation of water around each mould. The pump, drain valves and electrical equipment are housed in a compartment located at one end of the tank. The tank is heated by an immersion heater under normal conditions and refrigeration system for grey cement the temperature is controlled at 35°C or $100^{\circ}\text{C} \pm 2^{\circ}\text{C}$ / $27^{\circ}\text{C} + 2^{\circ}\text{C}$, expect for the 15 minutes after immersion of the freshly made specimens.

ZI 2045A Curing Tank for 6/12 moulds of 150

mm / 70.6 mm size

ZI 2045B Curing Tank for 12/24 moulds of 150 mm / 70.6 mm size

ZI 2045C Curing Tank for 24/48 moulds of 150 mm / 70.6 mm size

ZI 2045D Curing Tank for 36/72 moulds of 150 mm / 70.6 mm size

Note: *Accelerated curing tank with cooling arrangement is also available of request.*

Zeal International also manufactures concrete moulds used in curing and compression testing machine, to test the prepared concrete moulds. You may also be interested in browsing the range of products used with this Curing Tank:

- [Cube Mould](#)
- [Plastic / Polyurethane Cube Mould](#)
- [Cylindrical Mould](#)
- [Plastic / Polyurethane Cylindrical Mould](#)
- [Beam Mould](#)
- [Plastic / Polyurethane Beam Mould](#)
- [Fully Automatic Compression Testing Machine](#)
- [CTM Eco model](#)
- [Manual Compression Testing Machine](#)
- [Semi-Automatic Compression Testing Machine](#)
- [Four Column Automatic Compression Testing Machine](#)