

CUSTOM CURING OVEN



Custom Curing Oven is designed for work-space volume of more than 1500 litre with double door construction and exhaust for simulating high temperature inside the work-space for specimen curing and potting applications.

The potting application involves filling of containers or enclosures with materials viz., epoxy, polyurethane, silicone etc., to protect and insulate electronics cables, components or other sensitive parts.

The curing oven provides controlled temperature environment for curing the potting materials whereby the desired mechanical or electrical properties are achieved. Also, the oven is used for de-hydrating the moisture from the potting material to prevent the chances of bubbling, cracks etc., and a baking process to remove any volatile compounds or to achieve the specific level of hardness.

The temperature simulation provision upto 150°C with uniform temperature distribution across the work-space consisting of customised trays for loading the specimen up to max 600 kgs enables the user to carry out the potting process for qualifying the quality and reliability of products under test.

Revision History	Prepared By	Date
00	Shivanand	05 December 2024

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