Product name:	Product code:
Ash Content Muffle Furnace for Filled Resin Compounds	CMI-IND-0221

Description

High-temperature muffle furnace set up for burn-off tests that determine ash and filler content of resins and compounds. Used to verify glass fibre, talc or calcium carbonate loading.

Technical specification

- Porcelain crucibles
- Tongs
- Desiccator

Weighed samples are heated in crucibles to constant temperature until all organic matter burns away. The remaining residue is weighed to give percent filler. A programmable controller follows the ramp and soak required by standard.

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Features

- Maximum 1100 deg C
- Programmable ramp and soak
- Ceramic fibre insulation
- Exhaust port for fumes
- Door safety switch

Technical Specifications

Test Standards	ASTM D5630, ISO 3451-1, ISO 3451-4
Maximum Temperature	1100 deg C
Chamber Size	150 x 150 x 250 mm
Temperature Control	+/- 2 deg C, PID
Heating Elements	Kanthal wire
Rate	Up to 20 deg C/min
Crucibles	Set of 6 porcelain
Power	230 V AC, 50 Hz, 3 kW

Standard Accessories