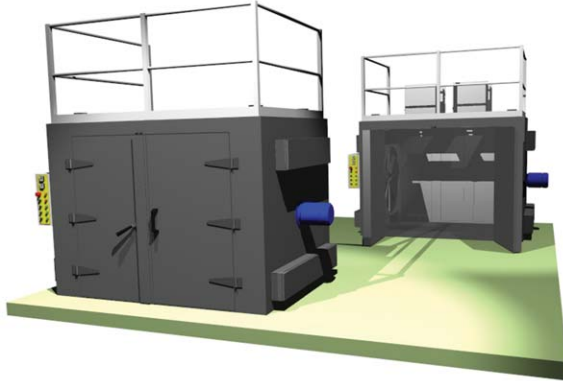


SCO-3

Single Chamber Oven

The SCO-3 is designed for the flexible production of cast nylon.

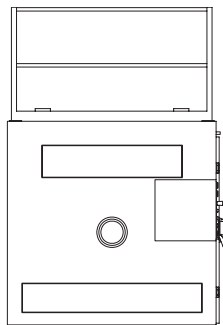
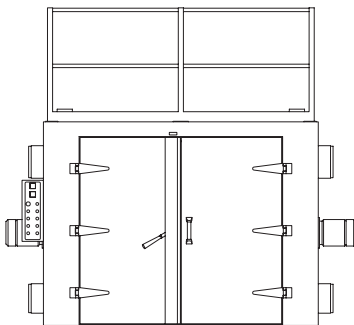
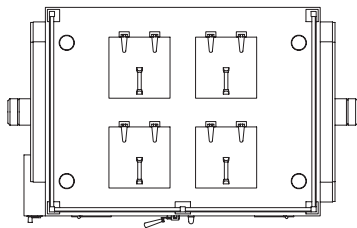


- Electronically controlled fan assisted incoloy heating elements
- Self-supporting unit fabricated from sheet steel and internally lagged
- Four hatches fitted into the top in order to introduce the melt
- Electronic fault tracing and monitoring

SPECIFICATION

| | |
|-------------------------|--------|
| Internal Width: | 1220mm |
| Internal Height: | 1950mm |
| Internal Depth: | 1820mm |
| Weight: | 1600kg |
| Max. Power Consumption: | 25kW |

Power supply is available in a range of industry standards to accommodate local services.



The SCO-3 has been designed for the flexible production of cast nylon rods and custom castings. The tools are heated within a sealed enclosure, with the activated monomer melt being introduced when the tool temperature is correct for the required product.

The structure of the SCO-3 consists of a self-supporting external casing fabricated from sheet steel, which is then internally lagged and clad with sheet steel to form a single unit. Access to the unit is provided by two fabricated sheet steel hinged doors on the front, with the melt being introduced into the heated tools contained within via four purpose built hatches located on the top of the chamber.

Heat for the unit is evenly and uniformly distributed by incoloy heating elements mounted behind each of the two slow rotating fans. The chamber temperature is accurately maintained by an electronic temperature controller, and for safety purposes a maximum temperature thermostat is also fitted.

The SCO-3 has been designed so as to require only minimal periodic maintenance, resulting in high production efficiency and reliability. Fault tracing is greatly simplified due to the use of electronic control and monitoring equipment.

Global EPP reserves the right to alter specifications without prior notice.