

Thermoline 1315M Furnace

Thermoline Furnace



Tool Type: Furnace

Location: Microfluidics Lab

Description: Furnace

Manufacturer: Thermoline

About

“The furnace chamber is heated by a single three section resistant heater which is embedded in a refractory material. The chamber is insulated with a ceramic fiber insulation. The temperature is controlled by an electronic control. The temperature is measured by a thermocouple and is registered on a digital display. For safety, door switches are incorporated to remove power from the heating elements when the door is opened. The furnace is supported by the control section which also houses the electrical connections.”

Safety Concerns

Operating Procedures

Detailed Specifications

- Chamber dimensions: 4" W x 3.75" H x 4.5" D (10.2 x 9.5 x 11.4 cm)
- Temperature ranges: 100C-982C for continuous use, or 982C-1100C for intermittent use.
Continuous use is operating the furnace for more than three straight hours, and intermittent

use is operating the furnace for less than three hours.

Reference Documentation

[Operations and Repair Manual](#)

[Manual](#)

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