

Data Sheet

Model: TLCF12/10

Top Loading Chamber Furnaces



INTRODUCTION

TLCF12 Top Loading Chamber Furnaces are suited to application which involve heavy loads, where samples are contained in tall crucibles, or where there is a danger of spillage onto the base of the chamber and is available in various capacities ranging from 5 litres to 125 litres in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **TLCF12/10** chamber furnace has a 10-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°C

- | Floor mounted design
- | Chamber dimensions (mm)- 365 x 185 x 155 (H x W x D)
- | Energy efficient, high quality, low thermal mass brick insulation.
- | These heating elements are robust cast refractory panels mounted on all sides.
- | Type 'R' thermocouple.
- | A lever allows the operator to open and close top opening door safely and conveniently.
- | High end Microprocessor PID controller.
- | Exhaust port to assist fumes removal is fitted to the furnace door.



TLCF12/10

External Dimensions (mm): 770 x 575 x 450 (H x W x D)
(Indicative)

[Dimensions with door closed]

Net Wt.: 130 kg

Supply / Power: 230V– 1 Phase – 3.0 Kw

OPTIONS

- | Independent Over-temperature protection system
- | Multi segment, multi program storage controllers
- | Monitoring probes

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