

# Data Sheet

Model: TLCF12/5

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 **TLCF12/5** chamber furnace has a 5-liter capacity.

## SPECIFICATIONS

**Maximum Temperature:** 1200°C

**Maximum Continuous Temperature:** 1150°C

- | Floor mounted design
- | Chamber (mm) - H x W x D  
260 x 155 x 130
- | Energy efficient, high quality, low thermal mass. Insulation with brick insulation.
- | These heating elements are robust cast refractory panels mounted on all 4 sides.
- | Type 'R' thermocouple.
- | Swing aside door keeps hot door surface away from operator.
- | High end Microprocessor PID controller.
- | A small ceramic chimney is fitted as standard.



**TLCF12/5**

**External Dimensions (mm):** H x W x D      **Net Wt.**  
(Indicatively) 670 x 550 x 425      88 kg  
[Dimensions with door closed]

| Supply / Power: 230V– 1 Phase – 2500 Watts.

## OPTIONAL FEATURES

- | Independent Overtemperature protection system.
- | Multi segment, multi program storage controllers.
- | Monitoring probes.

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