

Data Sheet

Model: TLCF12/125-SY

Top Loading Chamber Furnaces

SYLAB

INTRODUCTION

TLCF12-SY 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 **TLCF12/125-SY** chamber furnace has a 125-liter capacity.

SPECIFICATIONS

Maximum Temperature: 1200°C

Maximum Continuous Temperature: 1150°C



TLCF12/125-SY

| Floor mounted design

| Chamber dimensions (mm): 620 x 450 x 450 (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

| **External Dimensions (mm):** 1175 x 950 x 950 (H x W x D)
(Indicative)

[Dimensions with door closed]

| **Power Supply:** 400V– 3 Phase

| **Energy rating:** 18.0 kW

OPTIONS

| Independent Over-temperature protection system

| Multi segment, multi program storage controllers

| Monitoring probes

SYLAB SCIENTIFIC PVT. LTD.

Ground Floor, B-50, Industrial Estate, Sanath Nagar, Hyderabad-500018. INDIA,
Phone: +91 40 67216376 E-mail: sylab@sylabscientific.com Website: www.sylabscientific.com