



# FURNACE(S)

## APPLICATIONS :

It is used in various industries like pharma, Food industry, Pollution control boards, testing Labs, Research institutes, colleges. etc..



## MODELS :

General Lab Muffle Furnace(s)  
General Tubular Furnace(s)  
Split Tubular Furnace(s)  
Carbon & Sulphur Furnace  
Multi-Zone Furnace(s)  
Custom Built Furnace(s)  
High Temperature Furnace(s)

## CONSTRUCTION :

Inner chamber of Standard Muffle Pot(s)/Ceramic Tube/Refractory Bricks. Outer of Powder coated C.R Sheet or Mat finished S.S. Sheet. The control panel is provided at the top or bottom or as a separate unit as per system & customers requirements.

The sensor generally used is of 'K' type CrAl, but may change depending on the temp. Range and requirement.

The heating element is of Kanthal A1/ Silicone Carbide heaters (Silicone Carbide heaters are used along with thyristor drives). Insulation is of high density ceramic blanket. Optionally an outer air jacket is also provided, to further reduce outer surface temperatures.

Arrangements inside the chamber can be provided to hold samples, with facilities like air purging, inert gas purging etc.

## STANDARD FEATURES

- A. Digital Temp. Control
- B. Exhaust
- C. Vent / opening on the door

POWER : 230V, 50Hz 1 Ph, Ac or 415V 3Ph Ac.

## OPTIONAL ACCESSORIES/FEATURES

- a. Power drive / Thyristor Drive
- b. Digital Voltage & Current indicator (VAF METER)
- c. Overshoot cutoff
- d. Door Limit switch
- e. Profiling temperature Controller
- f. Digital Timer



DUE TO CONTINUOUS DEVELOPMENT DESIGNS AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR INTIMATION.



D-428, 10th Main, Peenya II Stage,  
Peenya Industrial Area,  
Bangalore-560058.  
Telefax:091-080-23349239/23449007  
e@mail: ticci80@gmail.com;  
Info@technoinstruments.co.in  
Website:www.technoinstruments.co.in