



FURNACE

CI TUBULAR FURNACE

CODE:12015

APPLICATIONS :

These compact tube furnaces with control system can be used in many processes / industries, like pharma, Food, Pollution control boards, testing Labs, Research institutes, colleges. etc..

'CI' TILTING TUBE FURNACES

SPECIFICATIONS

- * Single zone furnace, Heating zone from 100mm to 700mm
- * Microprocessor based PID controller, with LED Display, shows both process and set values.
- * Heating element is installed throughout the outer surface of the tube for fast and uniform heating.
- * Tiltable design to align the furnace Vertically, Horizontally **OR** Angularly as required, With separate control Box.
- * High density Ceramic wool insulation.
- * Thyristor based control instead of SSR for higher control precision and reduced power consumption.
- * Various Tube sizes 50mm to 90mm ID available, OR as per customer requirements (Standard ID 50 / 70mm dia.)
- * Programmable, Auto tuning, Precise Control, with 4 x 16 steps programing (**OPTIONAL**)
- * Outer Body M.S Powder coated
- * Maximum Temperature Range : 900°C to 1300°C
- * Control Accuracy : ± 5°C or 2%
- * Thermocouple : K type / Pt-PtRh
- * Operation on 230V Single Phase, 50 Hz., AC Mains / Operation on 440V Three Phase.

ACCESSORIES

- * Quartz Tube , * Ceramic Tube
- * Alumina Boats, * Quartz Boats
- * Ceramic Board Plugs
- * Aluminium end caps with nozzle for gas purging



MODEL	TF-50	TF-60	MF-70	MF-80	MF-90
CODE	12015-10	12015-11	12015-12	12015-13	12015-14
INNER SIZE (approx.)	50mm	62mm	70mm	80mm	90mm
TEMP. RANGE 400°C - 1000°C	KANTHAL	KANTHAL	KANTHAL	KANTHAL	KANTHAL
TEMP. RANGE 600°C - 1200°C	Silicon Carbide	Silicon Carbide	Silicon Carbide	Silicon Carbide	Silicon Carbide

*** CUSTOM BUILT SIZES ON REQUEST**