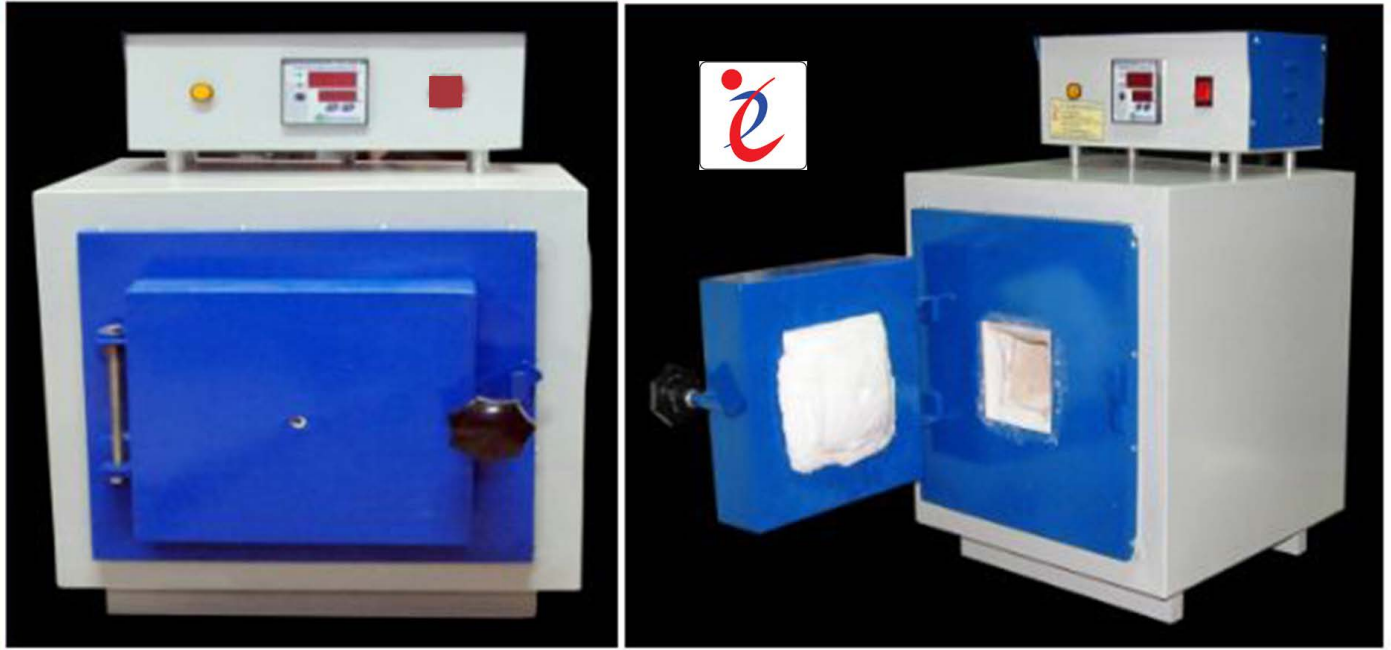


MUFFLE FURNACE

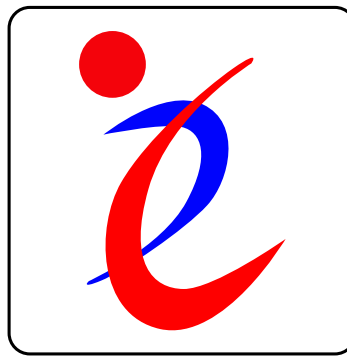


Rectangular electric furnace with light weight and fast heating system, the body is constructed out of Mild steel sheet duly powder coated / Epoxy painted in beautiful attractive clours. With maximum temperature of 900°C and working temperature of 600°C,with ceramic wool insulation, controlled by digital temperature controller cum indicator, and suitable thermocouple. The control panel consists of on of switch, indicator lamps suitable to work on single phase 240V AC 50 Hz or 440 V AC 3 Phase

Model	size	Power KW
EMF-1	100x100x225mm	2
EMF-2	125x125x250mm	2.5
EMF-3	150x150x225mm	3
EMF-4	150x150x300mm	3.5
EMF-5	225x225x300mm	4.0

OPTIONAL:-

- Safety blind Controller
- Digital Timer
- Chamber Validation/ calibration
- Door safety switch stops power to heating elements when door is opened.
- Imported Microprocessor based PID Controller
- Digital Microprocessor based controller with RS-232 & PC inter phase
- Any other sizes can be supplied on demand
- Higher temperature accuracy models can be supplied on demand
- Fully Stainless steel model available on demand.



ELS Instruments

**Call Us****+91 94488 27690****Reach Us at****enquiry@elsinstruments.com**

**High Temperature Programmable Muffle Furnace 1400°C**

The unit is specially designed to meet the requirements of High Temperature the casing is made of M.S. reinforced with iron angles duty painted. Chamber made of Ceramic Zirconium Board and elements are placed vertically in the Chamber. Heating is done by Silicon Carbide Rods duty controlled by Microprocessor based PID controller with Thyristor power pack with LED display. It saves energy upto 30% with easily replaceable Carbide Rods. These Furnaces have outstanding Temperature reliably and have large surface radiation ratio to enhance thermal efficiency and power consumption. Control panel is filled with Programmable Digital Temperature Indicator Cum Controller separately having Ammeter and Voltmeter etc. Working temperature 1300°C operatable in 220 Volts Single Phase AC supply with Therister.

Model No.	Chamber size
EMF-1S-SP	4" x 4" x 9"
EMF-2S-SP	5" x 5" x 10"
EMF-3S-SP	6" x 6" x 9"
EMF-4S-SP	6" x 6" x 12"

NB: Special sizes can be fabricated

Cabinet Tray Drier

Double wall construction outer made of Mild coated. The inner chamber made of Mild painted knish (heat resistant) with thick glass and exhaust for removal of moisturizer. The by Micro Processor Based Digital Temp Indicator (LED) from ambient +5°C to 250°C having an accuracy of $\pm 1^\circ\text{C}$. The unit is equipped with 1/4HP support fan for getting uniform temperature in and 12 Nos. non-perforated Aluminium trays (size 32" x 16" x 1.25" W x D x H). The door has Limit Switch to disconnect when the door is opened.

Model No.	Outer Size (W x D x H)	Inner Size (W x D x H)	Rating
ECTD-1	975 x 650 x 1150mm	830 x 550 x 900mm	2KW

NB: Different types and sizes of industrial driers can be supplied on specific order



ELS Instruments



Call Us

+91 94488 27690



Reach Us at

enquiry@elsinstruments.com