



VERTEX

MUFFLE FURNACE



We furnish premium quality Muffle Furnace that are highly demanding. The Muffle Furnace of our showroom are manufactured from best quality materials that have immense strength and are durable.

FEATURES:

- Sturdy Heavy Gauge Construction.
- Outer MS Powder Coated.
- Inner Heat resistive grooved muffle.
- Accurate & Precise Electronic Controller with Digital Display.
- Light Weight.
- Maximum Temperature attains within 45 minutes.

OPTIONAL:

- Full MOC SS 304 OR SS 316
- Micro Processor auto tuning PID Controller with dual LED display to observe Performance Value VS
- Set Value
- Soak Timer

APPLICATION:

The equipment is ideal to use for high degree heating for annealing, moisture testing, Ash treatment, etc. for Scientific Studies in Chemical, & Industrial Laboratories.

SPECIFICATIONS:

Model		MF - 01	MF - 02	MF - 03	MF - 04
Size / CM	Internal	23 x 10 x 10	25 x 13 x 13	30 x 15 x 15	45 x 23 x 23
	External	56 x 40 x 61	61 x 42 x 67	66 x 49 x 72	82 x 56 x 87
H x W x D	Weight	Kg	Kg	Kg	Kg
Muffle Type		Wire wound Refractory Muffle supported with Cold face Refractory Bricks with Cement bounding.			
Thermal Insulation		Ceramic Blanket over the Muffle with Heavy Mineral wool to fill the entire Gap between the Muffle & External Housing			
T E M P E R A T U R E	Range	50° C Above ambient to 1150° C Minimized with the Fuzzy logic			
	Accuracy	± 2% FSD With Digital Controller / ± 1% FSD With Microprocessor P.I.D. Controller			
	Over shooting Safety	Minimized with the Fuzzy logic			
	Controller	Digital controller / Microprocessor dual display P.I.D. controller with auto tuning Optional			
	Display	4-digit LED with Digital / 4-digit Dual display with Microprocessor controller			
	Sensor Heaters	Cr. / Al. Thermocouple			
	Heater Capacity	1.6 kw	2.0 kw	2.5 kw	5.5 kw
Fuse		Canthal Fuse			
Electrical Requirement		230 volts 50 Hz AC single Phase power supply			
Optional Accessories		<ul style="list-style-type: none">• Soak Timer• Electronic Fuse with option of restart push button to minimize the down time of Canthal fuse replacement			
Packing Details	Size / CM H x W x D	90 x 61 x 56	102 x 69 x 66	117 x 69 x 66	145 x 84 x 76
	Shipping Weight	75 kg	85 kg	100 kg	150 kg