



ICON INSTRUMENTS COMPANY

(Manufacturer of Laboratory Equipment)

IIC-106

LABORATORY ELECTRICAL MUFFLE FURNACE

- Outer casing is made of Double walled Thick / CRC/Mild Steel Sheet duly powder coated.
- Better ceramic Blanket High Temp. Insulation to avoid heat loss.
- Chamber construction includes a long life grooved refractory chamber to support Kanthal heating Element on 3 sides through its walls its feature include : quick Temperature rising, Lasting warranty & constant Temperature.
- Better Precise Digital Temperature Controller Cum Indicator easy operation.
- Kanthal A-1 Super quality Coil shaped Heaters duly wounded (in case of 900°C Temp.) & 1200°C range coil shaped open heater heavy gauge to stand continuous Temp. up to 1150°C.
- Silicon Rods are provided in case of High Temp. 1350°C high Temp. Furnace, supplied with Transformer unit & Pt-Pt RH Thermocouple its control manually & automatically the Amps. of Silicon rods as per Temp. requirement.
- Unique design of ventilation / Chimney provided at the back of the Muffle Furnace (For Fumes outlet)
- Made of High Quality raw material for continuous use and better result



Applications :

For Calibration, Research Lab. Mining Industries, Industrial application heat Treatment of metals & Chinaware.

Model	IIC 106	IIC 106 A	IIC 106 B	IIC 106 C	IIC 106 D
Interior mm	100 x 100 x 225 4" x 4" x 9"	125 x 125 x 250 5" x 5" x 10"	150 x 150 x 300 6" x 6" x 12"	175 x 175 x 475 7" x 7" x 19"	200 x 200 x 300 8" x 8" x 12"
Heater/ Wattage "W"	900°C /1.5 KW. 1150°C/2.5KW.	900°C /2.0 KW. 1150°C/3.0 KW.	900°C /3.5 KW. 1150°C/4.5KW.	900°C /3.5 KW. 1150°C/7.5 K W.	900°C /4.5 KW. 1150°C/6 KW.

Technical Parameters :

Control Panel	: Mains, Load Indicator , Digital Controller & Mains Indicator
Temperature Ranges	: • Ambient to 900°C
Available	: • Ambient to 1150°C • Ambient to 1350°C (Price on Request)
Temperature Stability	: ± 2°C max
Duty Cycle	: Continuous
Insulation	: High Ceramic Blanket & Board Insulation
Material	: CRC / MS Sheet duly powder coated
Optional	: Outer body of S. S. 304 grade (Can be made against order)
Interior	: Ceramic Board & grooved Refractory Chamber as per Temp. Requirement
Power Consumption	: 220/230 AC 50Hz & 440V 3 Phase as customer size requirement
Optional	: RS 232 Communication interface

Works : Z-67, Okhla Industrial Area, Phase-II, New Delhi - 110020

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