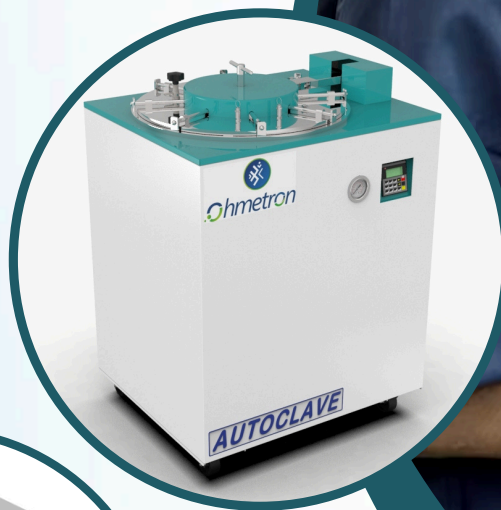




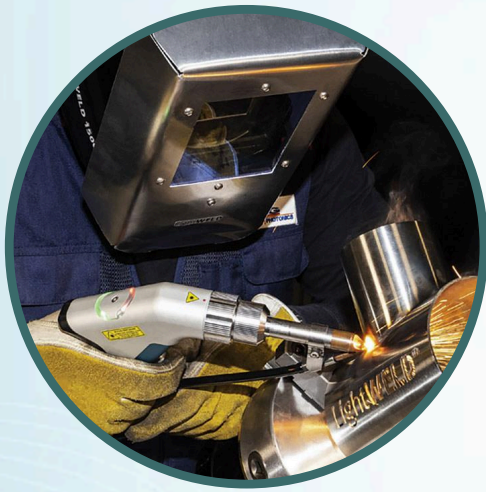
**Ohmetron**  
INNOVATIVE LABORATORY EQUIPMENT



# PRODUCT SPECIFICATION

[WWW.OHMETRON.COM](http://WWW.OHMETRON.COM)





## FOUNDATIONAL INNOVATION.

### Our Equipment's, Your Success

**Igneous Technologies Pvt. Ltd.** is a market leader in the production of laboratory medical devices. **Ohmetron** is our premier brand for Autoclaves, Baths, BOD, Heating Ovens, Incubators, and a variety of other products.

Igneous' emphasis and concentration has always been on user-friendly goods with an attention to detail, resulting in a product that is an addition to any modern setup. The following are the highlights of Igneous products:

- Excellent aesthetics and one-of-a-kind designs
- Over time, dependable and consistent performance
- Reduced downtime
- Parts are guaranteed to be available.
- Qualified Customer Help Engineers provide phone and email support.

*The products listed in this Short Form Catalogue cum Price List are all "plug and play" - easy to install instruments requiring no elaborate installation. All electrical products are supplied with:*

- *Detailed Operation Manual - including installation guidance and basic troubleshooting*
- *Test Reports*
- *Calibration certificates traceable to National standards*
- *Warranty Cards.*







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# MUFFLE FURNACE

## PRODUCT FEATURES

- “Ohmetron” make muffle furnace are designed and manufactured to comply with the requirements of laboratory and industrial applications. It is used for engineering tests of soils and aggregates, cement testing, ashing organic and inorganic samples, gravimetric analysis, ignition tests, etc. “Ohmetron” make a muffle furnace in a horizontal/rectangular model. Insulation is provided with high-grade insulation material.
- Reach 1100°C for high temperature applications in a short time. This laboratory furnace is designed to operate under high temperature with minimal maintenance and higher efficiency. The high grade cerawool insulation with an advanced graded design ensures fast heat-up time and resistance to the thermal shock. The natural cooling of the outer surface reduces exterior shell temperatures and improve energy efficiency and operator safety.



## TECHNICAL SPECIFICATION\*

Model	MF4409	MF6612	MF8812	MF9918
Controller	PID Digital Controller With Timer And Temperature Adjustable By User			
Muffle Size (H X W x D) inch	4" X 4" X 9"	6" X 6" X 12"	8" X 8" X 12"	9" X 9" X 18"
Temperature Range	1200°C			
Max. Continues Tempe. range	1100 °C			
Temperature Accuracy	± 5 °C			
Insualtion	High Grade Ceramic Fibre Wool			
Outer Body Construction	M.S Powder Coated			
Heating Coil	A1 Kanthal Wire			
Power Requirement	230-240V, AC, 50Hz,Single Phase			

## Warrenty of Furnace:

- In case of furnaces, the heating element does not carry any Warranty: As the life of Furnace elements depends on the working temperature as well as the total number of hours worked it is not possible to guarantee the same for any fixed period. The users however may be rest assured that our “Ohmetron” Furnaces are made to latest design and only the best material and workmanship are employed.
- For the guidance of users, it may be mentioned that at the maximum operating temperature of our furnace elements life would be about 450 hours. 200°C below the maximum life increases to 2000 hours
- Inner mould of Muffle Furnace is made of cement clay. There are chances of line cracks development in transportation or at high temperature operation. Same will not affect the operation of Muffle Furnace. If customer requires same to be filled, we send cement clay with furnace to fill cracks.

