



PLOT NO. 1131 HARI ENCLAVE KIRARI SLEMAN NAGAR NEW DELHI-110086  
2<sup>ND</sup> PLANT H-936 RIICO CHOPANKI INDUSTRIAL AREA ALWAR RAJSTHAN-301707



## RESOTECH- MUFFLE FURNANCE

*Professional Manufacturer of Test Equipment*



**MAKE :- RESOTECH**

**MODEL NO. :- RESOTECH MUFFLE-2608**

# **RESONANCE AUTOMATION AND MACHINES**

## **MANUFACTURERS & SUPPLERS**

SPECIAL PURPOSE MACHINE, MATERIAL TESTING MACHINE, LEAKAGE TESTING MACHINE, PACKAGING TESTING MACHINE, ENVIRONMENTAL TEST CHAMBER, ASSY. LINE EQUIPMENT, SOLUTION FOR ELECTRONIC AUTOMATION AND PRODUCT DEVELOPMENT, COMPUTERIZED CONTROL MACHINE , PLC HMI SCADA VISUAL BASIC SOFTWARE DEVELOPMENT SOLUTION AND OTHER SERVICES.

# MUFFLE FURNACE SOLUTIONS

When comes to choose finest quality muffle furnace IFC presents a nice selection of laboratory furnace, portable furnace, industrial furnace, benchtop furnace and more. Designing and manufacturing custom muffle furnace is our speciality.

Industrial Furnace And Controls presents a wide range of general purpose benchtop laboratory muffle furnace and industrial furnace, especially built for laboratories and production industries where accuracy and safety are foremost requirements. These muffle furnace models are durable from top to bottom, energy efficient and perfectly work in tough conditions.

Coming with ergonomic design, these muffle furnace by Industrial Furnace And Controls are easy to install and operate. Just set your desired process temperature and the digital controller will heat and control your furnace automatically. Our furnace models are designed for applications such as ashing most types of organic and inorganic samples, ceramics firing and decorating, wax burn-out, copper enameling, mold heating, crucible melting of non-ferrous metals, assaying, and for determination of volatile and suspended solids. Our group of furnaces is insulated with thermal efficient material for cost and energy efficient operation. The outer case of is made of double walled thick PCRC sheet and duly painted with attractive stove enamel. Gap between the walls is insulated with special grade ceramic wool with high grade international standard heating elements arranged at the side of the furnace to give even temperature.  $\pm 10^{\circ}\text{F}$  temperature uniformity may be achieved with this heating element. For convenient access and viewing, furnace controls are mounted on front panel.

We are supplying our standard muffle furnace models which are designed for maximum temperature of  $1000^{\circ} - 1800^{\circ} \text{C}$  as well as we also expertise in manufacturing of customized furnace and also export them to various countries such as middle east Asia, African countries, Bangladesh, Nepal, Bhutan and many others. Let's take a tour of special features of our muffle furnace which make them model perfect for laboratories and scientific researches. Our muffle furnace models are available in various sizes and we also manufacture customized designs as per customer requirements.

## Special Features

- Digital single set point temperature  $950^{\circ}\text{C}$  to  $1800^{\circ}\text{C}$
- Ceramic wool insulation permits faster heat up, reducing energy consumption
- Door safety switch stops power to heating elements when door is opened.
- Equipped with thermocouple break protection, that helps preventing thermocouple failure runaway condition

## Features

Sturdy construction for long term use : Compact in design and space saving

Available with 800°C to 1800°C temperature : Safe and trouble free performance

Microprocessor PID controller : Over temperature and short circuit breaker

High ceramic fiber blanket and board insulation : Ventilation or chimney at the back

Only branded heating elements are used : Uniform heating inside chamber

CE and ISO marked : Comply to DIN and ASTM standards

### ►► Temperature Range:

To meet unique needs of every application, our muffle furnaces or box furnaces are available in temperature range from 800°C to 1800°C

### ►► Usability & Performance:

Usability is one of the major factors that one should look into while buying heating equipment and with Analytical Technologies Limited Muffle Furnace systems you experience unmatched convenient working performance. All our electric muffle furnaces feature rust and corrosion free stainless steel housing, compact and light weight construction and branded heating elements and programmable PID controller, ensure safe operation every time.

### ►► Safety Features:

These systems are microprocessor controlled programmable muffle furnaces that offer easy and safe operation even at high temperature. These systems are designed with your safety in mind. Multi-layered insulation keeps external surfaces (cabinet) cool to the touch. Door safety switch (optional accessory) stops power to heating elements when door is opened.

Model	RESOTECH MUFFLE-2607	RESOTECH – MUFFLE-2608	RESOTECH MUFFLE-2609	RESOTECH MUFFLE-2610
Max. Temperature	900°C	1000°C	1450°C	1800°C
Working Temperature	800°C	900°C	1350°C	1700°C
Heating Element	Kanthal A-1		Silicon Carbide (SiC)	Molybdenum Silicide (MoSi2)
Temperature Accuracy	+/- 1°C to 2°C			
Temperature Controller	PID controller			
Display	LED / LCD Display			
External Chamber Construction	MS w/ Powder Coating / 304 Grade Stainless Steel (Optional)			
Internal Chamber Construction	Ceramic Board & Grooved Refractory Chamber as per Temp. Requirement			
Insulation	Ceramic wool insulation			
Alarm	Audible & Visual type			
Power Supply	220 / 440 Volts			
Certification	ISO, CE & GMP			
Stabilizer	As standard			
Optional Accessories	<ul style="list-style-type: none"> <li>- Provision for Printer</li> <li>- Data logger</li> <li>- Safety switch on door</li> <li>- Temperature Chart Recorder</li> <li>- Extra port for gas</li> <li>- Extra heating element &amp; rod with clips</li> <li>- Extra thermocouple</li> <li>- Tongs</li> <li>- Gloves</li> </ul>			

## ►► Standard Inner Chamber Sizes

Dimension (Inches)	4 x 4 x 9	5 x 5 x 10	5 x 5 x 12	6 x 6 x 12	8 x 8 x 12	12 x 12 x 12	18 x 18 x 18
Volume (Liter)	2	4	5	7	13	28	96





IndianOil



आरोग्यम् सुखं सम्पदा







*Napino Auto & Electronics Ltd.*

**Cutwell Abrasives Pvt Ltd**  
ISO 9001 - Certified Superior in Performance



**Continental**  
The Future in Motion

**Genus**  
energizing lives



**SOMIC ZF**  
SOMIC ZF Components Pvt. Ltd.

**RICO**  
RICO AUTO INDUSTRIES LIMITED



**JBM Group**  
Our milestones are touchstones



**senior Flexonics**

*Napino*



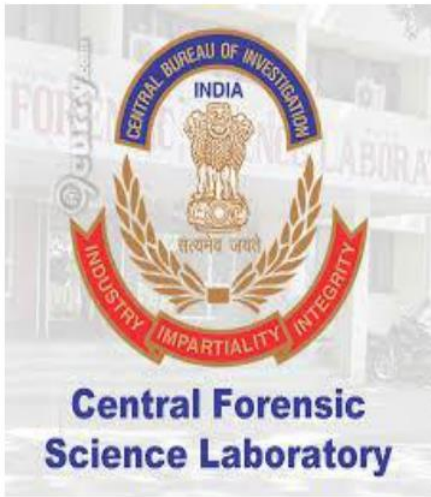
**AA AMTEK**

**fmi**  
Future Market Insights

**MUNJAL KIRIU**

**DESPL**  
DYNAMIC ENVIRONMENTAL SOLUTIONS PVT. LTD.

**JABIL**







**ORDNANCE FACTORY AMBARNATH  
RECRUITMENT**

LatestLaws.com



भारतीय मानक ब्यूरो  
**Bureau of Indian Standards**  
The National Standards Body of India