



*Heating Sensibly*



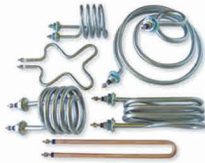
OFFERING AN ARRAY OF PREMIUM QUALITY INDUSTRIAL HEATING SYSTEMS, INDUSTRIAL & LABORATORY OVENS, FURNACES, INDUSTRIAL HEATERS, THERMOCOUPLES, TEMPERATURE SENSORS, SCIENTIFIC & LABORATORY INSTRUMENTS...

#### A INDUSTRIAL HEATER

Sensoheat designs and manufactures all types of Industrial Heaters to suite every application.

- **Tubular Heaters**

Can be manufactured in custom sizes, shapes, power and voltage, made from steel, copper, stainless steel, titanium or Incoloy tubes with Kanthal/Nichrome wire and highly compacted fused magnesium oxide insulation.



- **Immersion Heaters (Water/Oil)**

Designed to heat Water, oils or solvents as per application.



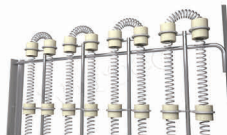
- **Flanged Immersion Heaters**

Used in liquid, gas, vapour, vessel heating applications requiring high kilo Watt ratings.



- **Air Duct Heaters & Heater Banks**

These consists of assembly of sheathed tubular, finned tubular or Open coil elements. Can be manufactured as per application.



Commonly used for warming, drying, pre-heating, forced draught air heating etc.

- **Flexible Heaters**

Flexible Heating Tape fabricated in Fiber glass yarn to suite variety of applications.

Being flexible can be easily wound on pipes, cylinders, tanks etc. can be used where local heating is required.

Can be manufactured in custom sizes.

Also Available : Flexible Heating Tape fabricated in Silicon Rubber & Fiber glass yarn combo. Superior Quality, Long life.

Flexible Heating Cord & Heating Pads:



- **Band & Nozzle Heaters**

Both Mica & Ceramic Insulated construction available.



- **Low/Medium/High Watt density Cartridge Heaters**

most commonly used for heating metal parts by insertion into drilled holes. For easy installation, these heaters are made slightly undersized relative to their nominal diameter.



- **Strip Heaters / Finned Strip Heaters**

Strip Heaters (Refractory Insulated) are made from Kanthal make wire element supported in Fluted Refractory, which is sheathed in rust resisting steel.



Commonly used in forced air ducts, blowers units, ovens, dryers etc.

- **Ceramic Bobbin Heaters**

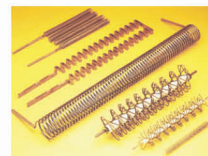
Ceramic Bobbin elements are fitted in a metal tube for applications in liquids, ovens (in this case a robust construction is essential)

They find a variety of applications in Industry.



- **Furnace Elements**

These elements are used in furnaces for annealing, brazing, non-ferrous melting & holding, salt bath, hardening, drawing, tempering and carbonizing applications.



#### B INDUSTRIAL OVENS

We design and build custom industrial ovens for a wide range of applications. If you are seeking an industrial batch oven to fit your requirement, we can design electrical custom ovens with various shelving styles, wide ranges of heating capacity, various temperature control methods and much more.

## Portable Welding Electrode Baking & Holding Ovens

Easy to carry, light weight Portable Welding Electrode Baking & Holding Ovens



MODELS : DIGITAL / THERMOSTATIC

SIZES : 1 kg, 2 kg, 3 kg, 4 kg, 5 kg, 10 kg capacity

### Bench/Floor mounted Welding Electrode Baking & Holding Ovens

We present an exceptional range of Welding Electrode Baking & Holding Ovens, ideal for baking applications.



### FLUX Baking & Holding Ovens

We Offer a wide range of Flux Baking & Holding Ovens in different capacities along with Forced air circulation to suit various requirements.



### Trolley Type Ovens

These types of Ovens come with Manual Push pull type trolleys for material loading. Best suited for batch applications.



### Walk in Ovens/Shell Core Baking Ovens

Walk in Ovens are suitable for wide applications such as drying, baking, Shell Core Baking etc in varied industries.



### Dual Chamber Ovens

Dual chamber Ovens are available in various specifications to suit the requirement of various industries.



### Transformer Baking Ovens

These heavy duty ovens are specially designed for transformer baking and



similar applications. They can be manufactured in custom sizes.

### Rotary Ovens

These are custom designed ovens with rotating trolley.



### Ovens for Automobile Industry

Custom designed ovens for automobile industry for use in production line for varied applications like armature curing, drying etc.

### Tray Dryers



We Offer wide range of Tray Driers, which is provided with 5, 8, 12, 24, 48, 96 and 192 trays arrangement.

### Ovens for Rubber & Plastic Industries



A large segment of our process ovens is dedicated to the plastics and rubber industries.

### Humidity Chambers



At Sensoheat we offer an extensive range of Humidity Test Chambers or Climatic Test Chambers that offer a good solution for the testing of all types of components, materials and systems manufactured including assemblies.



### Conveyor Ovens

Conveyor Ovens are best suited for Industries where continuous drying, heating, curing etc of materials or components is required.



### Infrared Ovens

We also design and manufacture custom Infrared Ovens



## C INDUSTRIAL & LABORATORY FURNACE

We have a robust range of Industrial & laboratory chamber/box furnaces, providing an excellent level of versatility without compromising quality, safety or reliability.

### Industrial Furnace

These furnaces are also used for Heat Treatment application such as Annealing, Hardening, Tempering etc



### Laboratory Muffle Furnace

These compact muffle furnaces are perfect for many applications in laboratory. It is an ideal instrument for materials annealing and sintering in your research.



### High Temperature Laboratory Furnace

Heavy duty Laboratory Furnaces upto 1500oC.



### Tube Furnace

Tube furnace is a precision furnace using high-quality Silicon Carbide heating elements. It is widely used for materials or chemical lab to sinter all types of new materials samples under vacuum or other gases condition.



## D LABORATORY & VACUUM OVENS

### Laboratory Oven

Laboratory ovens are used in a variety of thermal processing applications including general lab work, component and stability testing, core hardening, drying glassware, and sterilizing. Specific applications for laboratory ovens include aging, annealing, baking, brazing or soldering, burn-off, curing, drying, firing or sintering, foundry or melting, heat treating, hot pressing, preheating, quenching and sterilizing.



### Vacuum Ovens

In a Vacuum Oven, the thermal processes occur in an airtight chamber where a desired level of vacuum has been applied using an external vacuum pump (not included). With a vacuum oven the entire application can take place under vacuum or a controlled atmosphere can be created through the introduction of an inert gas.



## E LABORATORY & SCIENTIFIC INSTRUMENTS

At Sensoheat we design & manufacture world class laboratory & scientific instruments which include,



Heating Mantles, Hot Plates, Water Baths, Oil Baths, Electrical Incubators, circulation bath, BOD Incubators, magnetic stirrers and so on...

## F CUSTOMIZED INDUSTRIAL HEATING SYSTEMS.

Sensoheat designs and builds custom Industrial Heating and control systems. We are engage in providing different types of heating systems as per customers specifications and requirements like Continuous hot air systems, hot air blower systems etc.



## G TEMPERATURE SENSORS

At Sensoheat we have an exceptional range of Temperature sensors, Thermocouples, RTD's, capacitive proximity sensors, Inductive proximity sensor for all your sensing applications.



*We're small enough to get you the quick solutions you need and big enough to offer you one stop shop.*