

Annealing furnaces are designed for the processing of SS or Copper wire, rod, strand, strip and tube products. These furnaces are ideally suited for copper, copper alloy, nickel, nickel chrome, titanium, stainless steel and refractory metals. Annealing Furnace features heavy-duty construction, an energy saving combination of fiber and brick insulation, precise temperature control and requires minimal maintenance. The Furnaces are Electrically Heated. In electrical heating the heating elements are provided with either circular type or in grooved refractory. The design of heating element is very vital for long and trouble free life.

Annealing furnace is fired in multiple zones to produce a uniform temperature and fast heat-transfer to the wires/Pipes



Wire Annealing



Pipe Annealing

Standard features

- Maximum Temperature : 1100°C
- Application: Wire Annealing, Tube Annealing Furnace.
- Feeding Zone : As per requirement of customer
- Cooling Zone : As per requirement of customer
- Temperature Controller : Microprocessor Based Programmable
- PID Temperature Controller
- Heating Element : Kanthal A1 / APM wire
- Power control through thyristor or SSR unit.
- Individual burner flame safety
- Solidly Built for a Long Life
- Provision of gas inlet/outlet

Optional Features

- ✓ Provision for gas/vacuum purging application (Ar, N₂, O₂, H₂, CO₂ etc.)
- ✓ Programmable PID Controller with RS-232/RS-485/Ethernet & Data Logging Software
- ✓ Available in standard or as per customer size requirement

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