

HIGH TEMPERATURE FURNACE 1700°C

Tempo furnaces for higher temperature applications with short heat up time & resistance to thermal shock. Designed with highest standards for quality for efficient high-temperature use with minimal maintenance. Silicon Carbide element with easy assembly. These furnaces are Ideal for rapid cycling over extended periods.

Technical Data : Temperature Range : 1700°C (1600°C continuous)

Design for easy replacement, Fast heat-up and recovery with excellent uniformity and energy efficiency. Increased resistance to thermal shock, ideal for rapid cycling over extended periods.

Heating elements kept in wall radiating freely into the furnace chamber give these models particularly short heating times.



SALIENT FEATURES:

- Rugged and durable construction.
- Outer casing is made up of thick mild steel with duly powder coated, gives long service life with extremely resistant.
- Multilayer insulation with vacuum formed ceramic fibre board with low thermal mass.
- Parallel guided swing aside door design with safety switch.
- Furnace design with powerful heating elements for providing fast heating rate.
- Fast heat up and cool down rates.
- Better Temperature Uniformity.
- Temperature Controller with PID Controllers.
- Power control with Thyristor units for very precise temperature Control, wear-free and noiseless.
- High mechanical durability, short heating cycle and low power consumption.

TECHNICAL DATA

Maximum Temperature 1700°C, Continuous working Temperature 1600°C

| Standard Models | Internal Dimension H x W x D (mm) | Outer Dimension H x W x D (m) | Rating KW, Supply & Heater |
|-----------------|-----------------------------------|--------------------------------|---------------------------------------|
| TI – 63 HTA | 15 x 15 x 20 | 78 x 55 x 60 | 1 Phase, 230 Volts 2 Wire, 4.1 KW |
| TI – 63 HTB | 20 x 20 x 20 | 83 x 60 x 60 | 1 Phase, 230 Volts, 2 Wire 5.06 KW |
| TI – 63 HTC | 20 x 20 x 30 | 88 x 61 x 70 | 3 Phase, 415 Volts, 4 Wire, 7.5 KW |
| TI – 63 HTD | 30 x 30 x 30 | 95 x 68 x 70 | 3 Phase, 415 Volts, 4 Wire, 10 KW |

TEMPO INSTRUMENTS PVT. LTD.

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ISO 9001:2015



ISO 13485:2012



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