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900°C, 1000°C & 1200°C Horizontal and vertical tube furnaces

Within this area, there are two furnace types; MTF and CTF models have an integrated control box while the G range of furnaces is modular and requires a separate work tube.

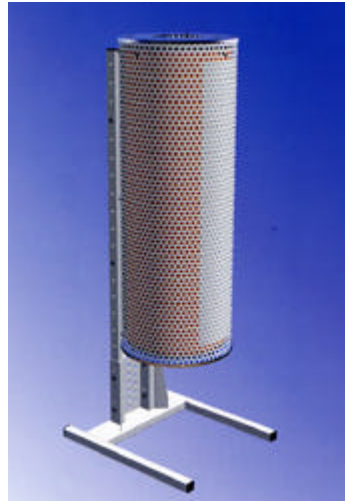


MTF models

- Maximum operating temperature: 900°C, 1000°C and 1200°C
- Tube diameters range from 100mm to 200mm
- Heated lengths from 130mm to 1000mm
- These models utilise a resistance heating element wound around the worktube, forming an inner heating element to ensure thermal uniformity
- Rapid heat up to operating temperature
- Can be adapted to allow operation in air atmosphere or vacuum, with an additional worktube and furnace chamber
- The thermocouple is located in a protected position between the worktube and heating element, allowing the full worktube length to be used
- Normally built on the horizontal base as pictured left, this furnace can also be built vertically and optionally be mounted on a separate control box
- Applications in materials testing: testing of novel materials, high temperature and varying atmosphere conditions
- Applications in the electronics industry: testing electronic semiconductor materials in air atmosphere or vacuum
- Applications in instrumentation: testing of temperature sensors, thermocouples and PT100 sensors require enhanced thermal protection
- For enhanced thermal uniformity, zone models are available
- [Click for specification](#)
- [Click for three zone furnace information](#)

CTF models

- Applications in materials testing of novel materials at various temperatures & conditions
- Applications in the electronics industry include testing electronic semiconductor materials in various atmospheres or vacuum
- Applications in instrumentation testing of temperature sensors, thermocouples and PT100 sensors require enhanced thermal uniformity
- For enhanced thermal uniformity, zone models are available
- ***Click for specification***



GV
Net

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