



MAXWELLON MX-VTF

1200°C
Vacuum Atmosphere Tube Furnace
2024

Find the right tube furnace for your application at Maxwellon! Our tube furnaces are available in multiple configurations with operating temperatures ranging up to 1200°C. Every model provides precise temperature control, uniform heat distribution, and enhanced performance quality. If you require a specialized heating solution, our team of engineers can design a custom tube furnace to your exact specifications to help reduce costs in laboratory and production environments.

■ Key Feature

- Integrated Design for Easy Operation
- Furnace Chamber Constructed with High-Purity Alumina Fiber Material, Minimizing Heat Loss
- High Temperature Control Precision, Display Accuracy of 1°C
- Fully Automatic Programmable Controller with 30 Segment Program Temperature Control
- Optional 485 Communication/PC Software, Enabling Data Storage
- Equipped with Portable and Detachable Quartz Tube Adapter
- Supported by a Professional Technical Team, Capable of Designing Various Gas Atmosphere Ratios

■ Specifications

Model	MX-VTF Series
Furnace Chamber Material	Alumina
Reaction Tube Diameter	20mm/ 40mm/ 60mm/ 80mm/ 100mm/ 120mm/ 140mm
Temperature Uniformity Zone	100mm/ 200mm
Maximum Temperature	1200 C
Interface	Customizable specifications such as flanges, KF flanges, and other forms of interfaces are available.
Note	Customization available according to customer's experimental requirements

■ Expansion Options

- Supports 485 communication, providing PC software for operation, real-time data display, and tracking, as well as storage of historical records.
- Capable of various gas atmosphere ratios, including nitrogen, argon, and mixed gases.
- Specialized design for gas atmosphere simulation, such as water vapor, humidity, and organic VOC gas, with effective prevention of steam condensation through professionally designed gas piping interfaces.
- Ability to create a vacuum environment for tube furnace reactors.

■ Application

- Chemical Engineering
- Bio-ceramics
- Specialty Alloys
- Atmosphere Reduction
- CVD Experiments
- High-Temperature Atmosphere Sintering



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