1250°C Vertical Crucible Furnace with 9.5"Dia x 8.6"H (9 Liter) Chamber & Programmable Controller - VBF-1200X

CE

Description:

- Upgrade from CF-1200X The Vertical Crucible Furnace has a large chamber (9.5"d x 8.6"H, 9 liters) and it is designed for sintering ceramic parts and component in Lab.
- The crucible furnace has a unique ceramic fiber insulation around , the chamber to provide excellent uniformity and energy efficiency.
- The heating element is embedded in the insulation for maximum heat transfer to the chamber. Max. temperature can reach 1250°C

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SPECIFICATION:

Furnace Structure & Chamber	• Double Layer steel structure with air cooling
	• High purity fiber alumina insulation (made in Japan factory) for max.energy saving
	• Heating chamber size: Ø9.5" x 8.6"H ， 9 liter capacity
	• Hinged type cover for easy sample loading
	• All accessories are included for immediate use:
	   ◦ One pcs refractory disk, which can be put on bottom of furnace to protect furnace liner from wearing out.
	   ◦ Three pcs refractory supports, which may be put on top of the disk and bottom of the crucible to adjusting crucible height.

Power	3.5KW Max.
Voltage	AC 208 ~ 240V Single Phase 50/60Hz Note: Power cable included , but without plug. Please install a plug by your own or click link below picture to choose a plug according to your country or your lab requriment
Max. Temperature	• Max. 1250 °C for short time < 1hour • Continuous working temperature: < 1200°C at room temperature at 1000°C
Max. Heating Rate	40 °C /min
Temperature controller	• PID automatic control and auto-tune function. • 30 programmable segments for precise process • Built in protection for over-heated and broken Thermal couple.
Laptop, software & WiFi Control(Optional)	• Brand new laptop with Microsoft Window 10 and Microsoft Office 2013 (30 days free trial) for immediate use. • *Labview Based Temperature Control System (*EQ-MTS01*)* enables user to edit temperature profile, manage heat-treatment recipe, record and plot data for MTI furnaces. • A wireless remote control provides up to 300 meters operating range. • Above features are available upon request at an extra cost (up to $1,000). Please contact us for more information. • *Note:* The software is only compatible with MTI's Yudian Temperature Controller
Temperature Accuracy	+/- 1 °C
Heating Element	1300oC grade Fe-Cr-Al Alloy doped by Mo
Dimension	510 x 435 x 425mm
Net Weight	30 Kg
Shipping package size after crating	45" x28" x 35"
Shipping weight	260 Lbs
Warranty	One year limited warranty (Consumable parts are not covered by the warranty)
Certificate	• CE Certified • UL / MET / CSA Certification is available upon request, **additional charges will apply** • Temperature controller is MET and CE Certified

Optional	click here to choose a crucible