



JG-575

Dental Laboratory Porcelain Furnace

Seller-listed model | Reference specification sheet

1200°C

Max. temperature

1500 W

Max. input power

99

Programs listed

20 kg

Net weight

TECHNICAL SPECIFICATIONS

Model / category	JG-575 / dental porcelain furnace
Power supply (seller)	110 V or 220 V AC, 50/60 Hz
Rated current (seller)	14.5 A at 110 V; 7.0 A at 230 V
Max. power consumption	1,500 W
Maximum temperature	1,200°C (2,192°F, corrected conversion)
Maximum heating rate	200°C/min (seller stated)
Hold time at maximum temp.	Up to 2 hours (seller stated)
Temperature control claim	±1°C (seller stated; not independently tested)
Usable firing-chamber measure	9 cm (dimension type not specified on seller page)
Unit dimensions (seller W × D × H)	27 × 36 × 53 cm
Net / shipping weights	20 kg / 23.5 kg

FEATURE HIGHLIGHTS - PER SELLER LISTING

- **Touchscreen controls**
Color touch display and optical status indication
- **Motion drive**
Stepper-motor-driven platform
- **Connection**
USB port described as computer connection
- **Programmable operation**
99 built-in programs and adjustable speed
- **Heating design**
Spiral quartz chamber with automatic preheat

Compiled from a third-party retailer listing. Not an official manufacturer manual, conformity certificate, or verified operating instruction.

Important details to confirm

Cross-check before publishing, selling or purchasing

DATA QUALITY CHECKS

- 1 Temperature conversion mismatch**

The seller prints 1,200°C (2,283°F). The correct conversion is 2,192°F. This sheet uses 1,200°C as the seller-reported figure and shows the corrected Fahrenheit equivalent.
- 2 Heating-rate conversion mismatch**

The seller prints 200°C/min (392°F/min). A temperature DIFFERENCE of 200°C/min equals 360°F/min; conversion of absolute temperatures is not valid for rate differences.
- 3 Vacuum range unclear**

The displayed vacuum setting is “1-101%”; its reference scale and upper endpoint are unclear. Omitted from the main specification table pending manufacturer confirmation.
- 4 Model/branding verification**

The seller lists “JG-575”, while a supplied product image shows “PHOENIX Generation 7”. This does not establish that the models are identical. Confirm the nameplate and original model document.
- 5 Dimension and chamber notation**

The retailer labels 27 × 36 × 53 cm as W × D × H and says “usable measure 9 cm”. Other sellers describe similar hardware differently; confirm axes and whether 9 cm is the chamber diameter.
- 6 Configuration and scope**

The seller lists a USB port and 99 programs. The vacuum pump, accessories, actual mains-voltage option and ceramic-material compatibility should be confirmed for the offered kit.