

Technical datasheet

1100 °C Muffle Furnaces with Data Records

7 L and 12 L muffle furnaces with mullite-fiber chambers, programmable temperature control, history viewing, real-time curves, alarm viewing and data export. Listed maximum use temperature: 1100 °C.



Representative 7 L exterior. The 12 L model differs in cabinet and chamber dimensions.

Key features

Mullite-fiber chamber and FeCrAl heating elements

Ventilated cabinet with cooling fans

Overcurrent, overtemperature and door-open power protection

Standard Configuration

Mullite-fiber chamber, FeCrAl heating elements, alumina insulation, cabinet ventilation and cooling fans, voltage/current monitoring and door-open power cutoff. Protections include overcurrent, overvoltage, overheating, leakage and short circuit. Chamber capacity and electrical ratings are listed by model. The control screen displays voltage and current and provides history viewing, real-time curves, alarm viewing and data export.

Optional Accessories

Communication software for remote control, live viewing, historical records and data export is optional. Confirm the required interface, software package, loading accessories and electrical frequency in the quotation. Validation services and certificates are not included as standard.

Technical Information

Parameter	Value
Listed maximum use temperature	1100 °C
Listed control temperature limit	1200 °C
Temperature uniformity	±10 °C

Model	Chamber volume (L)	Voltage (V)	Input power (W)
PT-MUF-006	7	220	3000
PT-MUF-008	12	220	4000

Technical Information

Model	Chamber dimensions (mm)	External dimensions (mm)
PT-MUF-006	200 × 300 × 120	460 × 560 × 675
PT-MUF-008	200 × 300 × 200	480 × 570 × 775

Selection / Ordering Information

Specify the model, sample type, required working temperature, loading arrangement and electrical supply. Use the listed maximum use temperature when selecting the process.