



Auto Therm 300 VPF



QUALITY & ADVANCED TECHNOLOGY
PROVIDE FULL FACILITIES
AS YOU DESIRED

Auto Therm 300 VPF Fully Automatic Porcelain furnace

Auto Therm 300 is one of the most popular product of Polaris Company. This device is used to fire porcelain powder and also to degas different alloys in vacuum up to 1200 °C. This device is programmable and can perform up to 300 different programs for firing.



! Features

- 200 defined firing programs for all available ceramics & alloys in the market and the ability to define 100 new programs
- Automatic stand by program activated in non-working time
- Pre-vacuum program for reducing ceramics thermal shock
- Fast cooling program for saving time
- NIGHT-IDLE-DRY sub-programs to initial set up, save time and improve product life time
- Precise temperature sensor (Radium Platinum Thermocouple)
- Advanced processing system for automatic programs control
- Graphical and Digital LCD to display process information
- Spiral muffle covered by Quartz heater to create & distribute monotone heat
- High quality oil-less vacuum pump
- Automatic thermal and vacuum calibration program
- Audio signals at the beginning and end of the program
- Error warning system during entering incorrect values for temperature, time and vacuum level
- Intelligent alarm system to warn software/hardware error
- High accuracy in performance at low and high temperature
- Using vertical lift to move smoothly to achieve a minimum amount of noise and vibration

⚙️ Technical Data

- Dimensions: 37 cm width × 39 cm depth × 54 cm Height.
- Maximum temperature: 1200°C (2200° F)
- Net Weight: 21.5 Kg
- Maximum power consumption: 1600 W
- Power supply: 220 V- 60/50 Hz
- Equipped with a vacuum pump with a power of 200 W and compatible with 220 V AC power with vacuum creation capability up to -985 mBar

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Months Warranty

10
Years Supporting of
Spare Parts