



Auto Therm 300P VPF



QUALITY & ADVANCED TECHNOLOGY
PROVIDE FULL FACILITIES
AS YOU DESIRED

Auto Therm 300P VPF
Fully Automatic Press & Porcelain furnace

Years of efforts by the R&D, technical and engineering teams at Polaris has led to design and manufacture of one of the most important dental laboratories devices. AT 300P VPF press and porcelain furnace performs pressing (injecting) full ceramic frames in addition to the capabilities of AT 100 and AT 300. Application of this product is full automatic and this device is compatible with all the commercially available press ingots.



Features

- Equipped with the latest applicable technology for all the commercially available press ingots with porcelain firing capability in vacuum and atmosphere
- 200 defined firing programs for all available ceramics & alloys in the market and the ability to define 100 new programs
- Equipped with the capability of defining multiple firing programs (including crystal firing)
- 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 × 69 cm Height.
- Maximum temperature: 1200°C (2200° F)
- Net Weight: 26 Kg
- Maximum power consumption: 1600 W
- Power supply: 210-240 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

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 Years Supporting of Spare Parts