



MAX
1200°C

Features

- Intelligent PID microprocessor temperature control
- Stable and accurate heating control of $\pm 1\%$
- Programmable auto/manual run function
- Timer control
- Safe and rigid structure

FN-1000 series

- FN series of HEAT FURNANCE is certainly an ideal choice for reliable furnace chamber. It is the result from many years of experience and most advanced German technology, driven by desire to provide better, more reliable and safe equipment. It is designed for user comfort and confidence – easy to use with high safety built in features.

- PID temperature control assures accurate temperature regulation while digital set guarantees repeatable settings. Robust yet sensitive membrane key panel with digital display allows ease in temperature settings. Exterior oven body are coated by hard baked powder coating meant to withstand most challenging laboratory environment.

Applications :

Suitable for research, laboratories, material testing, heat treatment, melting, analysis and other high temperature requirements etc.

Special Features :

Various models with maximum temperature up to 1200°C

30 steps programmable microprocessor for reliable and accurate control of temperature

Large LED display of internal furnace temperature

Fully stainless steel door and structure design for longer durability and easy maintenance

Special door design for easy opening and less exposure of user to high internal temperature. Door can be used as flat table for hot sample handling

Safety features installed e.g. auto cut off when door open

Technical data

| FN-1000 Series | FN-1002 | FN-1008 | FN-1016 | FN-1208 | FN-1216 |
|--------------------------------------|-------------------------|-----------------|-----------------|-----------------|-----------------|
| Power supply | 220V 50Hz | | 380V 50Hz | 220V 50Hz | 380V 50Hz |
| Capacity (liter) | 2 | 7.2 | 16 | 7.2 | 16 |
| Range | 100 ~ 1000°C | | | 100 ~ 1200°C | |
| Wattage | 2.5KW | 4KW | 8KW | 5KW | 10KW |
| Temp fluctuation | $\pm 3^{\circ}\text{C}$ | | | | |
| Internal dimensions (D X W X H) (mm) | 120 X 200 X 80 | 200 X 300 X 120 | 250 X 400 X 160 | 200 X 300 X 120 | 250 X 400 X 160 |
| External dimensions (D X W X H) (mm) | 490 X 530 X 690 | 600 X 680 X 790 | 680 X 785 X 900 | 600 X 680 X 790 | 680 X 785 X 900 |