

Chamber Furnaces Dental PLF Series



PLF 110/6

Dental PLF series have been used as trusted professional chamber furnaces for many years in dental laboratories. Available with brick and fiber insulation elements, with a wide variety of options, these models can be optimally used for your general procedures.

Standard Dental PLF series furnaces cover a range of temperatures up to 1100°C, all of which have front loading for easy operation and double skin construction to maintain a cooler outer case.

Important advantage of the model is that element change is very easy and economic.

The durability of the heating elements in periodic use, make these furnaces to all-rounders in the laboratory.

Typical uses for the product covers a range of dental laboratory applications.

System Features

- ✓ Vertical counter balanced door
- ✓ Standard door safety switch
- ✓ High-quality fiber material
- ✓ High level temperature uniformity
- ✓ Bottom protection, alumina plates on the floor
- ✓ Short heating times
- ✓ Brick door skirts and the furnace openings
- ✓ Galvanized coating covered epoxy paint structure
- ✓ Customized controller option
- ✓ High quality heating elements ensuring a long service life
- ✓ System operation with solid-state-relays
- ✓ Electrical protection
- ✓ Working Temperatures of up to 1100 °C
- ✓ Dual skin housing for low external temperatures and high inner temperature stability
- ✓ Easy replacement of heating elements
- ✓ Intuitive controller user interface

Model	Maximum Temperature (°C)	Continuous Operating Temperature (°C)	Volume (L)	Inside Measurements (HxWxD) (cm)	Outside Measurements (HxWxD) (cm)	Power (kW)	Phase
PLF 110/6	1100	1050	6.3	15x21x20	65x55x58	2.0	1
PLF 110/8	1100	1050	7.5	18x21x20	65x55x58	2.0	1
PLF 110/10	1100	1050	10.0	20x20x25	72x56x64	2.7	1
PLF 110/15	1100	1050	15.0	23x22x30	72x56x64	3.6	1
PLF 110/30	1100	1050	28.0	28x28x38	79x55x69	3.6	1
PLF 110/45	1100	1050	45.0	30x30x50	82x66x81	6.0	3

*For system accessories please check the accessory page for furnaces.

Optional Features

- ✓ Over-temperature limiter for thermal protection
- ✓ Adjustable air intake opening in the furnace door
- ✓ Exhaust air opening on the furnace roof
- ✓ Observation hole enabling the operator observe the load during the operation
- ✓ Data logger with the software
- ✓ RS422/485 communication
- ✓ Cooling Fan for faster cooling processes
- ✓ Jet Fan for faster exhaust of gases
- ✓ Movable bottom
- ✓ Quartz element protection for heating elements
- ✓ Protective gas system and connection

*For your inquiries and questions please contact us

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