

Furnaces

High-temperature furnaces HT with MoSi₂ heating elements as floor models



with gas panel



with automatic vapour vent flap and fresh air fan with dimmer

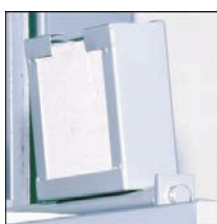
Due to their solid construction and compact stand-alone design, these high-temperature furnaces are perfect for processes in the laboratory where the highest precision is needed. Outstanding temperature uniformity and practical details set unbeatable quality benchmarks. For configuration for your processes, these furnaces can be extended with extras from our extensive option list.



- *Tmax 1600°C, 1750°C or 1800°C
- *High-quality molybdenum disilicide (MoSi₂) heating elements
- *Furnace chamber lined with first-class, durable fibre material
- *Parallel swinging doors, chain-guided, allowing safe opening and closing without destruction of the fibre insulation.
- *Positive closing of the door with a cam latch.
- *Type B thermocouple
- *Furnace sizes from 4 to 450 litres, special sizes on request
- *Over-temperature limit controller as standard equipment for protection of material

Optional equipment

- *Floor reinforcement for support of heavy loads
- *Exhaust air flap controlled manually or automatically for better ventilation of furnace chamber
- *Fan for better ventilation of combustion chamber and for fast cooling of the furnace
- *Protective gas connector and seal of furnace casing to allow flushing of furnace with protective gases
- *Manual of automatic gas supply



Model	Tmax °C	Inner Dimensions (mm)			Volume (L)	Outer Dimensions (mm)			Power kW	Supply voltage*	Weight kg	Minutes to Tmax
		w	d	h		w	d	h				
12610/40	1600	150	150	150	4	610	470	1400	5.0	3-phase	150	25
12610/41	1600	150	300	150	8	610	610	1400	8.0	3-phase	200	25
12610/42	1600	200	300	260	16	860	650	1500	12.0	3-phase	270	25
12610/43	1750	150	150	150	4	610	470	1400	5.0	3-phase	150	40
12610/44	1750	150	300	150	8	610	610	1400	8.0	3-phase	200	40
12610/45	1750	200	300	260	16	860	650	1500	12.0	3-phase	270	40
12610/46	1800	150	150	150	4	610	470	1400	5.0	3-phase	150	40
12610/47	1800	150	300	150	8	610	610	1400	8.0	3-phase	200	40
12610/48	1800	200	300	260	16	860	650	1500	12.0	3-phase	270	40