

### Technical Data

	KM	SL	GL	BL	TL	XL
Outside dimensions: w x h x d (cm)	40 x 48 x 40 40 x 48 x 45	43 x 58 x 45 43 x 58 x 51	48 x 58 x 52 48 x 58 x 59	54 x 60 x 55 54 x 60 x 62	54 x 65 x 55 54 x 65 x 62	54 x 70 x 69 54 x 70 x 76
Furnace chamber: w x h x d (cm)	15 x 10 x 17	18 x 11 x 19	20 x 11 x 25	25 x 11 x 28	25 x 17 x 28	25 x 22 x 40
Capacity:	4 je 6cm Ø (6x)	4 je 8 cm Ø	6 je 8 cm Ø	9 je 8 cm Ø	18 je 8 cm Ø	45 je 8 cm Ø
Max temperature:	1100 °C 1100 °C	1150 °C 1100 °C	1150 °C 1100 °C	1150 °C 1100 °C	1150 °C 1100 °C	1150 °C 1100 °C
Power:	1,6 kW	1,8 kW 2,1 kW	2,3 kW 2,6 kW	3,5 kW 3,7 kW	4,5 kW 4,8 kW	6,8 kW 7,0 kW
Voltage:	230V, AC	230V, AC	230V, AC	230/400V (2/N), AC	230/400V (2/N), AC	230/400V (2/N), AC
Heating time:	60 Min. 900 °C	60 Min. 800 °C	60 Min. 800 °C	60 Min. 800 °C	60 Min. 800 °C	60 Min. 800 °C
	120 Min. 1100 °C	120 Min. 1100 °C	120 Min. 1100 °C	120 Min. 1100 °C	120 Min. 1100 °C	120 Min. 1100 °C
Thermocouple:	PtRh-Pt	PtRh-Pt	PtRh-Pt	PtRh-Pt	PtRh-Pt	PtRh-Pt
Weighth:	31 kg 34 kg	55 kg 63 kg	70 kg 78 kg	85 kg 95 kg	96 kg 104 kg	119 kg 127 kg
	Furnace with circulating air :		blue colour			

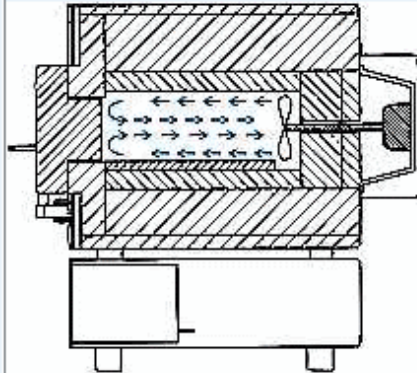
#### General description for types KM to XL:

- Available in 6 sizes
- Available with 3 different program controls
- Heating elements on 4 sides. The temperature is equally distributed
- High quality heating wire. The lower electric loading guarantees a longer service life
- Heating elements covered with ceramic
- A ceramic tray protects the heating muffle from becoming soiled
- Stainless steel housing
- Enamel coated housing, colour light grey (RAL 7035)
- Door opens outwards with furnaces type KM
- Door opens sideways with furnaces types SL to XL. The heat is emitted towards the back
- High quality insulating of firestone and fibreplates
- Easy to attend because of the module execution
- All furnaces are equipped with an exhaust pipe
- Thermocouple for all types PtRh-Pt
- Optional equipment: circulating air (type -U)

### Accessories:

- Catalyzer or exhaust unit, Ventilating air hood

### Optional equipment: circulating air (Type -U):



Furnace types KM to XL can be equipped with circulating air. The circulating air ensures an even distribution of the temperature to the casting muffle. The muffle center temperature fits the programmed temperature more precisely.

A higher degree of accuracy is also attained, which saves time in the following steps.

Furnaces with circulating air and program control unit P6 have been proven to be particularly efficient for the use of casting titanium.

