

## VMK high temperature laboratory furnace

### ► General Information

The VMK high temperature chamber furnace are classified into the three range of 1400°C, 1600°C and 1800°C models

#### Types of Temperature :

The three models in each temperature are bench mounted with side ways sliding door.

The combination of low thermal mass insulation and heating elements in the chamber side provided efficient heating.



### ► Standard Features

- ✓ 1400°C, 1600°C and 1800°C max. operating temperature.
- ✓ From 4 to 6.9 liters capacities.
- ✓ High quality silicon carbide heating elements use in VMK-1400°C and high quality molybdenum disilicide heating element , VMK-1600°C & VMK-1800°C
- ✓ Side way sliding door keeps heated surface away from the user.
- ✓ Eurotherm make controller.
- ✓ Over temperature protection with alarm.
- ✓ RS-232 communication for computer interface.
- ✓ advance refractory interior, used in combination with energy efficient low thermal mass insulation.

### ► Optional (specify these at time of order)

- ✓ Over temperature protection (recommended to protect valuable contents & for unattended operation)
- ✓ A range of sophisticated digital controllers, multi-segments programmers and data loggers is available. These can be filled with RS-232 or RS-485.



### ► Technical Data

Model	Max. temp(°C)	Heat continuous operating temp(°C)	Dimension internal HxWxD (mm)	Dimension external HxWxD (mm)	Volume (Liters)	Max power (kW)	T/C type	Weight (kg)	Heating element
VMK 1400	1400	1400	150x170x270	585x460x580	6.9	4	R	70	Sic
VMK 1600	1600	1600	150x170x270	585x460x580	6.9	4	B	70	MOSiO <sub>2</sub>
VMK 1800	1800	1750	110x150x240	585x460x580	4	4	B	70	MOSiO <sub>2</sub>