

**IKS****沈阳爱科斯科技有限公司**  
IKS PVD TECHNOLOGY(SHENYANG)CO.,LTD

### High-temperature sintering furnace



Vertical high temperature sintering furnace

Horizontal high temperature sintering furnace

1, Application: used for metal powder products, photoelectric components, hard alloy, magnetic alloy, ceramics, powder materials and other rare and refractory metal materials sintering, and has a certain dewaxing function.

2. Features:

2.1 The computer system is used for control, and various process curves are preset to automatically complete carburizing and other processes.

2.2 It has a perfect alarm system, which can effectively protect the equipment.

2.3 The maximum heating temperature can reach 2000℃, the temperature uniformity can reach ±5℃, and the temperature control accuracy can reach ±1℃.

2.4 Different temperature control components are used in the low temperature section and the high temperature section for temperature control and automatic switching.

3. Selection reference

This product has horizontal, vertical two kinds. At the same time can be customized various non-standard vacuum sintering furnace.

Model:	Effective area size(mm)	Charge batch(kg)	Exothermic material	Heating power(kw)	Maximum temperature (°C)	Temperature uniformity(±°C)	Limit Vacuum(Pa)	Pressure Rise Rate(Pa/h)
VBF-335	300×300×500	150kg	molybdenum /graphite	90kw	1500℃	±5℃	6×10 <sup>-4</sup> Pa	0.4Pa
VBF-446	400×400×600	200kg	molybdenum /graphite	120kw	1500℃	±5℃	6×10 <sup>-4</sup> Pa	0.4Pa
VBF-557	500×500×700	300kg	molybdenum /graphite	150kw	1500℃	±5℃	6×10 <sup>-4</sup> Pa	0.4Pa
VBF-669	600×600×900	500kg	molybdenum /graphite	180kw	1500℃	±5℃	6×10 <sup>-4</sup> Pa	0.4Pa
VBF-881 2	800×800×120 0	800kg	molybdenum /graphite	240kw	1500℃	±5℃	6×10 <sup>-4</sup> Pa	0.4Pa

IKS PVD Technology (Shenyang) Co., Ltd

<http://www.ikspvd.com> [iks.pvd@foxmail.com](mailto:iks.pvd@foxmail.com)

No.83-42,Puhe Road,Shenbei New District,Shenyang,110122,Liaoning,China

