

H-series: Vacuum Hydrogen Furnace

简介 / BRIEF INTRODUCTION

H系列：氢气炉

真空氢气炉是用钼带作发热元件的真空电阻炉，主要应用于陶瓷、硬质合金、复合材料等在真空或保护气氛中高温烧结，也可以供金属材料在高真空条件下的高温热处理或贵金属材料的除气处理。



安全性能好 / 温度均匀性好 / 升温速度快 / 温度控制精度高

Good Safety Performance / Temperature Uniformity / Fast Heating Speed / High Temperature Control Accuracy

该设备的结构设计先进合理，设计及制造符合相应的国家及行业标准和规范，能够满足用户的使用要求。其配套产品和元器件具有国际先进水平，能够适应长期、稳定、安全、可靠的生产需求。设备的节能效果好。使用、操作、维修方便简捷，造型美观，安全可靠，售后服务优良。

Vacuum molybdenum strip hydrogen furnace is a vacuum resistance furnace that uses molybdenum strips as heating elements. It is mainly used for high-temperature sintering of ceramics, hard alloys, composite materials, etc. in vacuum or protective atmosphere. It can also be used for high-temperature heat treatment of metal materials under high vacuum conditions or degassing treatment of precious metal materials. The structural design of this equipment is advanced and reasonable, and the design and manufacturing comply with corresponding national and industry standards and specifications, which can meet the user's usage requirements. Its supporting products and components have international advanced level and can adapt to long-term, stable, safe, and reliable production needs. The energy-saving effect of the equipment is good. Convenient and simple to use, operate, and maintain, with a beautiful appearance, safe and reliable, and excellent after-sales service.

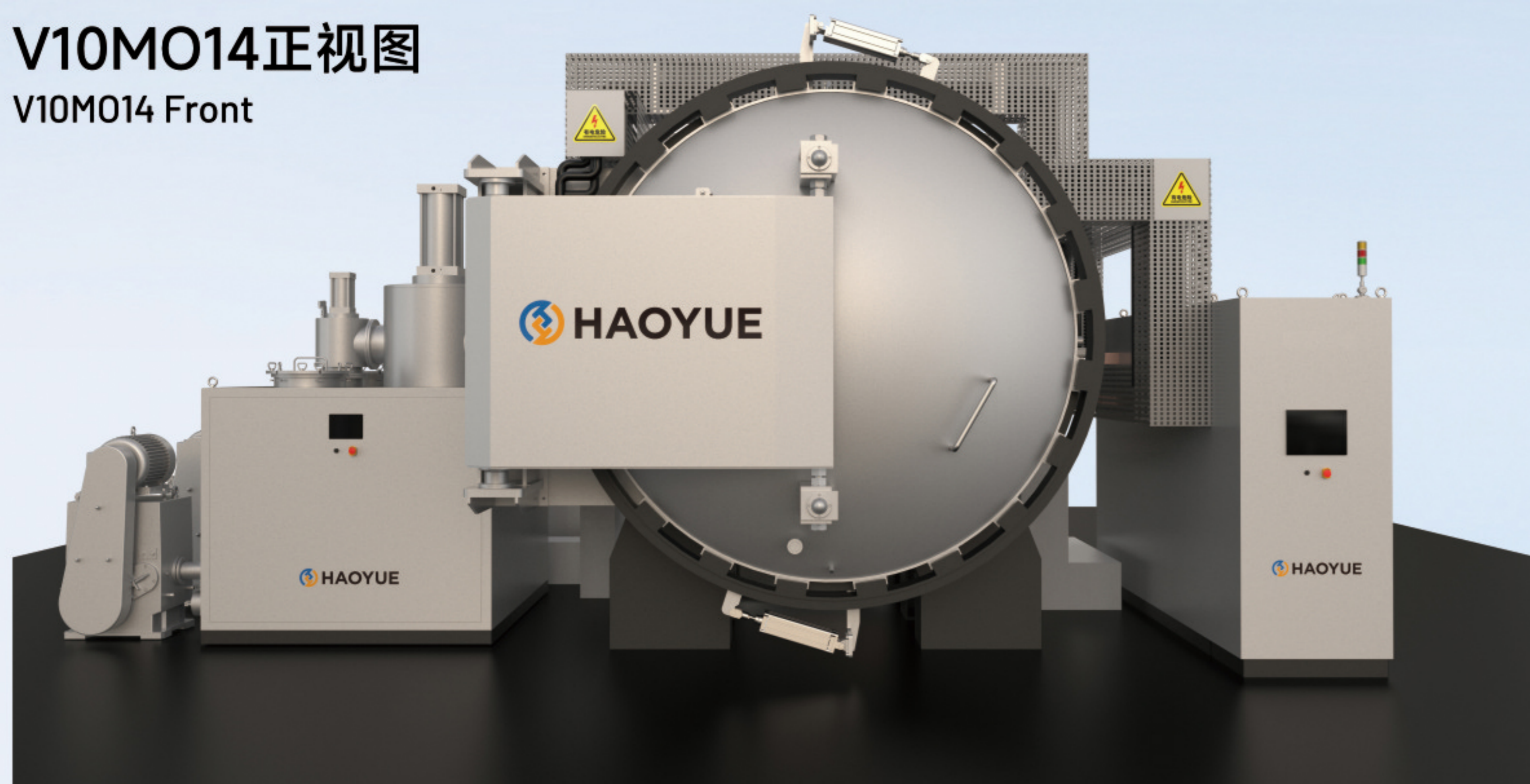
立式结构

V65/320V正视图
V65/320V Front



卧式结构

V10MO14正视图
V10MO14 Front



应用领域 / APPLICATIONS

用于陶瓷烧结或金属化、钎焊、玻璃零件封接用的金属零件退火和净化等的设备。

主要用于工具钢、模具钢、高速钢、超高强度钢、磁性材料、不锈钢、有色金属等材料在氢气气氛状态下的热处理。

Equipment for annealing and purifying metal parts used for ceramic sintering or metalization, brazing, and sealing of glass parts.

Mainly used for heat treatment of tool steel, mold steel, high-speed steel, ultra-high strength steel, magnetic materials, stainless steel, non-ferrous metals and other materials in a hydrogen atmosphere.

产品规格及技术指标 / SPECIFICATIONS & PARAMETERS

| 产品编号 Numbering | 产品型号 Model | 加热材质 Heater | 设备形式 Structure | 取料方式 Loading | 有效工作区(mm) Chamber(mm) | 极限真空度(Pa) Ultimate Vacuum (Pa) | 最高温度(°C) Max. Temperature |
|-------------------|---------------------|----------------|-------------------|-----------------------|--------------------------|-----------------------------------|------------------------------|
| V65/120V | VVSmo-65/120-T | 钼带 MO | 立式 Vertical | 下取料 Bottom Loading | Φ650×1200 | 6.7×10 ⁻⁴ | 1000/1400 |
| V65/320V | VVSmo-65/320-T | 钼带 MO | 立式 Vertical | 上取料 Top Loading | Φ650×3200 | 6.7×10 ⁻⁴ | 1000/1400 |
| V4MO10/14 | VHSmo-40/40/60-T | 钼带 MO | 卧式 Horizontal | 侧取料 Side Loading | 400×400×600 | 6.7×10 ⁻⁴ | 1000/1400 |
| V6MO10/14 | VHSmo-60/60/90-T | 钼带 MO | 卧式 Horizontal | 侧取料 Side Loading | 600×600×900 | 6.7×10 ⁻⁴ | 1000/1400 |
| V8MO10/14 | VHSmo-80/80/120-T | 钼带 MO | 卧式 Horizontal | 侧取料 Side Loading | 800×800×1200 | 6.7×10 ⁻⁴ | 1000/1400 |
| V10MO10/14 | VHSmo-100/100/200-T | 钼带 MO | 卧式 Horizontal | 侧取料 Side Loading | 1000×1000×2000 | 6.7×10 ⁻⁴ | 1000/1400 |