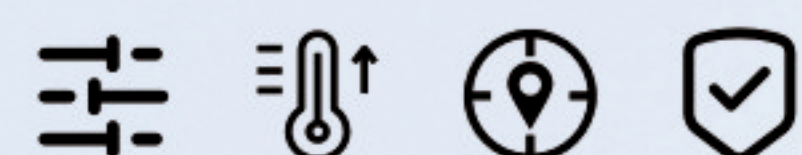


V-series: Vacuum Furnace

V系列：真空炉



稳定性好 / 温度均匀性好 / 升温速度快 / 安全性能好 / 冷却速度快

Good Design Optimization / Temperature Uniformity / Fast Heating Speed / High Pressure Accuracy / Good Safety Performance

V10GR23等轴测图

V10GR23 Isometric Drawings



简介 / BRIEF INTRODUCTION

该真空炉是用石墨/钼/钨/感应作发热元件的真空炉，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或退火等热处理，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。

This vacuum furnace is a vacuum furnace that uses graphite/molybdenum/tungsten/induction as heating elements. It is mainly used for high-temperature sintering or annealing 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.

应用领域 / APPLICATIONS

本设备为周期作业式，可供石墨电极、陶瓷等在高温、高真空条件下进行烧结处理，也可在充入保护气氛情况下烧结，也可以对碳纤维毡进行气氛保护提纯处理，烧结工艺在许多如合金行业、冶金行业等工业行业得到大量应用如硬质合金、耐火材料、粉末冶金、超高温材料烧成等都需要应用烧结工艺。

如炭/炭刹车盘、炭炭板材、热压模具、高温发热体/紧固件、热场材料、石墨制品、碳纸、碳布、石墨烯、碳纳米管、导热膜等。

This equipment is a cycle operation type and can be used for graphite electrodes, ceramics, etc. under high temperature and high vacuum conditions, Sintering treatment can also be carried out under the condition of filling a protective atmosphere, or carbon fiber felt can be subjected to atmosphere treatment. Protection purification treatment and sintering process have been widely used in many industrial industries such as alloy and metallurgical industries. Applications such as hard alloys, refractory materials, powder metallurgy, and ultra-high temperature material firing all require application sintering process.

Such as carbon/carbon brake discs, carbon plates, hot pressing molds, high-temperature heating elements/fasteners, thermal field materials, Graphite products, carbon paper, carbon cloth, graphene, carbon nanotubes, thermal conductive films, etc.

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

产品编号 Numbering	产品型号 Model	有效区尺寸(mm) Chamber (mm)	极限真空度(Pa) Ultimate Vacuum (Pa)	最高温度(°C) Max. Temperature (°C)	适用工艺 Applications
V4	VHS-40/40/60-T	400×400×600	6.7×10^{-3}	1300/2000/2300	烧结/退火/钎焊/脱脂/脱气 Sintering/Annealing/Brazing/Degreasing/Degassing
V6	VHS-60/60/90-T	600×600×900	6.7×10^{-3}	1300/2000/2300	烧结/退火/钎焊/脱脂/脱气 Sintering/Annealing/Brazing/Degreasing/Degassing
V8	VHS-80/80/120-T	800×800×1200	6.7×10^{-3}	1300/2000/2300	烧结/退火/钎焊/脱脂/脱气 Sintering/Annealing/Brazing/Degreasing/Degassing
V10	VHS-100/100/200-T	1000×1000×2000	6.7×10^{-3}	1300/2000/2300	烧结/退火/钎焊/脱脂/脱气 Sintering/Annealing/Brazing/Degreasing/Degassing