

## 高低温系列

Universal Test With Temperature Series

### 高低温电脑伺服拉力材料试验机

Computerized Universal Test Machine With Temperature Chamber

HD-B601

HD-B602

HD-B609

HD-B609A

HD-B609A-S

HD-B609B-S

HD-B603

HD-B604-S  
HD-B604B-S

HD-B609-D

HD-B617  
HD-B617-S

HD-B615-S

HD-B615A-S

HD-B612-S系列

HD-B616系列

HD-B616S系列

HD-B607-S



### 仪器简介 Product Description

#### 功能

本产品测试各种材料、半成品及成品在高低温环境下进行拉伸、压缩、弯曲、粘合、剪切、剥离、撕裂等力学性能的测试。可配置各式拉伸或压缩夹具测试各种材料的拉、压、弯、折性能。

Function: This machine can be used to do tension, compression, bend, adhesion, shear, peel, tear test in high or low temperature with different clamps according to customer requirements and international standards.

#### 测试范围

本试验机主要适用于橡胶、塑料异型材、胶粘带、塑料管材、板材、片材、薄膜、电线电缆、防水卷材、金属丝等。

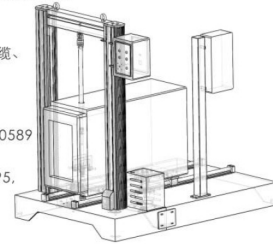
Application Industry: Plastic & Rubber, Adhesive, Electronics, Automobile, and so on.

#### 制造标准

Manufacture Standard GB/T 16491, GB/T 17200, GB/T 2611, GB/T10586, GB11158, GB10589

#### 满足标准

Test Standard GB/T 4338, GB/T 6037, GB 2951.13, GB/T 13239, GB/T 2039, HB 5150, HB 5195, HB 5211, HG/T 3868, ASTM D2295, JIS H7601-2, JIS R1606, NF EN 12814-6, BS EN 12814-6...



### 技术参数 Technical Parameters

|                                       |  |
|---------------------------------------|--|
| 型号/Model                              | HD-B607-S  |
| 传感器容量/Load cell capacity              | 100N, 200N, 500N, 1KN, 2KN, 5kN, 10KN, 20KN, 30KN, 50KN, 可选择(Optional)   |
| 有效测力范围/Force range                    | 0.4%~100%FS  |
| 力值精度/Load accuracy                    | ≤示值的±0.5%±0.5% of indicated value  |
| 速度精度/Speed accuracy                   | ≤示值的±0.5%±0.5% of indicated value  |
| 保护装置/Protection device                | 达到量程100%自动停机(软件设置), 电子限位和行程控制双重保护<br>Machine will stop automatically when force reaches 100% of load cell capacity (software setting). It has double protection with limit switches and program setting. |
| 电机/Motor                              | 松下伺服电机/Panasonic servo motor   |
| 丝杆/Screw                              | 进口滚珠丝杆/High precision ball screw   |
| 控制方式/Control way                      | 电脑控制/PC  |
| 高低温测试空间 (W*D*H)<br>Chamber test space | 350*700*500mm (可定制can be customized)   |
| 试验速度/Test speed                       | 0.01~500mm/min   |
| 有限行程/Vertical test space              | 1300mm (可定制can be customized)  |
| 力值解析度/Load resolution                 | Max.1/500,000  |
| 力值精度/Load accuracy                    | ≤±0.5%   |
| 温控范围/Temp. range                      | -20℃~150℃, -40℃~150℃, -60℃~150℃, -70℃~150℃可选择,<br>或依据用户要求定制can be customized   |
| 控制方式/Control system                   | P.I.D.自动温度演算P.I.D. Control system  |
| 温度波动度/Temp. fluctuation               | ±0.5℃  |
| 温度偏差/Temp. error                      | ±1.0℃  |
| 分布均匀度/Temp. uniformity                | 2℃   |
| 冷却压缩机/Compressor                      | 全封闭式法国泰康原装压缩机/France Tecumseh closed compressor  |
| 降温速率/Cooling speed                    | >1℃/Min  |
| 升温速率/Heating speed                    | >3℃/Min  |
| 内箱材质/Internal chamber material        | SUS304镜面不锈钢板/SUS#304 stainless steel, mirror finished  |
| 外箱材质/External chamber material        | 砂纹不锈钢板/Stainless steel   |
| 保温层/Insulation material               | 高密度硬质PU发泡胶及24K玻璃棉<br>High density rigid Polyurethane foam and glass wool   |
| 外形尺寸/Dimension (W*D*H)                | 主机650*1200*1700mm  |
| 重量/Weight                             | 约130KG Approx  |