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Quality comes from precision, quality creates future



HAIDA EQUIPMENT

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产品外观或规格若有变更，恕不另行通知。  
Specification or profile in above list  
subject to change without notice due  
to continuous product improvement.



**东莞市海达仪器有限公司**  
DONGGUANG HAIDA EQUIPMENT CO.,LTD.

## C 公司简介 Company profile

海达仪器有限公司总部设于台湾台中县，成立于1988年，长久以来作为精密检测仪器的综合制造商，贡献于世界工业之发展。为了在内地更好发展，在东莞成立东莞市海达仪器有限公司，专业从事研发、生产与销售各种检测仪器设备。

海达仪器产品广泛应用于纸品、包装、油墨印刷、胶粘带、箱包、制鞋、皮革、环境、玩具、婴儿用品、五金电子、塑料橡胶等众多行业，且适用于各科研单位、质检机构、学术探讨等领域；公司产品符合UL、ASTM、JIS、GB、ISO、TAPPI、EN、DIN、BS...等国内国际标准。

本公司拥有先进的加工设备、精湛的制造工艺，且注重人力资源的开发和维护，长期以来培养了强有力的研发和制造团队，为制造高质量的产品提供强有力的保证。我们一直坚持“品质至上，诚信服务”的原则，依据客户不同需求，不断挑战自我，精益求精，使公司得到快速发展，与来自国内国外的客户，诚信互助，密切合作，成为生意上之合作伙伴。

**公司服务：**海达全体员工秉承“质量源于精密，品质创造未来”的经营理念，积极认真地服务于每一客户，以使海达仪器品牌之消费者可买的开心，用的安心。

Haida Equipment Co., Ltd sets its headquarters in Taichung. As the comprehensive manufacturer of precision detecting instrument, Haida has contributed to the development of global industry for a long time. In order to better serve clients in mainland, the company set up factories and offices in Dongguan in the early 21st century.

Haida equipment products are widely used in paper products, packaging, ink printing, adhesive tape, bags, footwear, leather, environment, toys, baby products, hardware, electronics, plastics, rubber and many other industries, and applicable to all scientific research units, quality inspection institutions, the academic fields of study; company's products meet UL, ASTM, JIS, GB, ISO, TAPPI, EN, DIN, BS ... and other domestic and international standards.

The company has advanced processing equipment, exquisite manufacturing technology, and focuses on human resource development and maintenance, and cultivates a strong R & D and manufacturing team, and thus provides a strong guarantee for the manufacture of high-quality products. We have always insisted on "quality first, sincere service" principle, and according to meet customers' needs, we constantly challenge ourselves to be more excellent, to promote the development of our company. We wish to cooperate with the customers all over the world, based on mutual integrity.

**Company Services:** All Haida employees adhere to the "Quality comes from precision, quality creates the future" business philosophy, serve each client actively and conscientiously in order to satisfy Haida equipment brand consumers' needs.



## HD-609A全电脑式拉力试验机 HD-609A Computer control tensile tester

### 产品简介 Brief Introduction

本产品主要可测各种材料之拉力、撕裂、剥离、粘接力……抗力物性。可打印出测试日期、时间及显示器设定之显示值。本机可配各式夹具及伸长量测试装置，或依客户需求装配。

This machine is applicable to testing tension, compression, shearing force, adhesion, Peeling force, tear strength, etc. of various materials. The test date, time and the displayed value can be printed. The machine can be equipped with all kinds of fixtures, which are designed according to customers' necessity.

### 设计标准 Design Criteria

ASTM D903、GB/T16491、GB/T1040、GB/T8808、GB13022、GB/T 2790/2791/2792、CNS-11888、JIS K6854、PSTC-7



### 主要技术参数 The Main Technical Parameters

|                        |                                               |
|------------------------|-----------------------------------------------|
| 容量 Capacity            | 5,10,20,25,50,100,200kg (任选Optional)          |
| 单位切换 Units Switch      | G, kg, N, LB                                  |
| 控制方式 Control Mode      | 全电脑式操控All-meter of computer type manipulation |
| 荷重分解度 Load Resolution  | 1/250,000                                     |
| 荷重精度 Load Precision    | ≤0.5%                                         |
| 最大行程 Maximum Trip      | 1000mm(含夹具/Including fixture)                 |
| 测试速度 Test Speed        | 20-300mm/min                                  |
| 测试方式 Display           | PC显示                                          |
| 外形尺寸 Outside Dimension | (W×H×D) 520×1200×520mm                        |
| 重量 Weigh               | 70kg                                          |
| 电源 Power               | 220V, 3A或指定Or designated                      |
| 配送 Accessories         | 拉力夹具一套/One set of tension fixture             |

## HD-609B-S 电脑伺服式拉力试验机 HD-609B-S Computer Servo Control Tensile Tester

### 产品简介 Brief Introduction

本产品主要可测各种材料之拉力、撕裂、剥离、粘接力……抗力物性。可打印出测试日期、时间及显示器设定之显示值。本机可配各式夹具及伸长量测试装置，或依客户需求装配。

This machine is applicable to testing tension, compression, shearing force, adhesion, Peeling force, tear strength, etc. of various materials. The test date, time and the displayed value can be printed. The machine can be equipped with all kinds of fixtures, which are designed according to customers' necessity.

### 设计标准 Design Criteria

ASTM D903、GB/T16491、GB/T1040、GB/T8808、GB13022、GB/T 2790/2791/2792、CNS-11888、JIS K6854、PSTC-7



### 主要技术参数 The Main Technical Parameters

|                        |                                                                                                                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 容量 Capacity            | 5,10,20,25,50,100,200kg (任选Optional)                                                                                                                                                                             |
| 单位切换 Units Switch      | G, kg, N, LB                                                                                                                                                                                                     |
| 控制方式 Control Mode      | 全电脑式操控All-meter of computer type manipulation                                                                                                                                                                    |
| 荷重分解度 Load Resolution  | 1/250,000                                                                                                                                                                                                        |
| 荷重精度 Load Precision    | ≤0.5%                                                                                                                                                                                                            |
| 最大行程 Maximum Trip      | 1000mm(含夹具/Including fixture)                                                                                                                                                                                    |
| 测试速度 Test Speed        | 0.1-500mm/min可调                                                                                                                                                                                                  |
| 测试方式 Display           | 液晶显示屏，可连接PC电脑操作（可显示及打印试验次数，测试值，最高值，断裂值等）<br>LCD display screen and can connect PC computer operation(which can display and print the number of trials, test the value, the maximum value, fracture values, etc.) |
| 外形尺寸 Outside Dimension | (W×H×D) 510×1240×570mm                                                                                                                                                                                           |
| 重量 Weigh               | 80kg                                                                                                                                                                                                             |
| 电源 Power               | 1φ, 220V, 15A或指定Or designated                                                                                                                                                                                    |
| 配送 Accessories         | 拉力夹具一套/One set of tension fixture                                                                                                                                                                                |

HD-604B/HD604B-S 电脑式/电脑伺服式双柱拉力试验机 (标点延伸器)  
HD-604B/HD604B-S Computer/Computer servo control double-column  
tensile tester (with a large deformation jig)

产品简介 Brief Introduction

本系列材料测试机广泛应用于各类五金、金属、橡胶、塑料、鞋业、皮革、服装、纺织、电线电缆、端子等各类材料，测试其拉伸、撕裂、剥离、抗压、弯曲抗剪力、三点抗折……等项物性测试性能。  
These series of tensile strength tester are widely used to test tension, tear strength, peeling force, compression, shearing force, adhesion, three-point bending etc. in the field of metal, rubber, plastic, nylon, leather, shoemaking, fabric, insulator, electric appliance, automobile etc.

设计标准 Design Criteria

GB/T16491、GB/T1040、GB/T1041、  
GB/T8804.1-2、GB13022

主要技术参数 The Main Technical Parameters

|                        |                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 容量 Capacity            | 50,100,200, 500, 1000, 2000kg (任选Optional)                                                                                                             |
| 荷重分解度 Load Resolution  | 1/100,000 (伺服式servo 且容量capacity ≤ 1T时: 1/250,000)                                                                                                      |
| 荷重精度 Load Precision    | ≤0.5%                                                                                                                                                  |
| 最大行程 Maximum Trip      | 1000mm(不含夹具/Excluding fixture)                                                                                                                         |
| 测试速度 Test Speed        | 30-300mm/min(伺服式servo 且容量capacity ≤200kg时: 0.1-500mm/min)                                                                                              |
| 显示方式 Display           | Pc显示屏 (可显示及打印试验次数, 测试值, 最高值, 断裂值等)<br>PC display (can display and rint the number of trials, test the value, the maximum value, fracture values, etc.) |
| 外形尺寸 Outside Dimension | (W×H×D) 510×1600×985mm                                                                                                                                 |
| 重量 Weight              | 150kg                                                                                                                                                  |
| 电源 Power               | AC交流变频控制AC frequency conversion control<br>(电脑伺服型则配备伺服马达 Computer servo control type are equipped with servo motor)                                    |
| 配送 Accessories         | 1 套, 220V/50Hz                                                                                                                                         |
| 马达 Motor               | 拉力夹具一套/One set of tension fixture                                                                                                                      |



HD-607 高低温拉力试验机  
HD-607High-low temperature tensile strength tester

结构特点 Structure characteristics

该试验机由拉力主机体, 夹具和可移动式高低温试验箱等部分组成。拉力机主机体部分采用全套进口数字交流伺服系统, 高刚性框架结构。高低温试验箱采用双层隔热玻璃门, 方便用户观察试验情况, 并采用全不锈钢框架和内胆, 不仅外观美观而且抗腐蚀性强。  
This instrument is composed of the main part of the tensile strength tester, fixture and movable high-low temperature chamber. The part of the tensile strength tester adopts a whole set of imported digital servo system, and high rigidity structure. The temperature chamber adopts heat-insulation glass doors with double layers, which is convenient for user to observe. And the inner side and structure are composed of high corrosion resistance steel.

主要技术参数 The Main Technical Parameters

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| 容量 Capacity              | 2, 5, 10, 20, 50, 100, 200, 500, 1000, 2000kg               |
| 单位 Unit                  | g, kg, N, KN, LB                                            |
| 显示 Display               | 电脑控制, windows模式操作 Computer control, windows model operation |
| 分解度 Resolution           | 1/100,000                                                   |
| 荷重精度 Precise             | ≤ 0.5%                                                      |
| 测试速度 Test speed          | 0.1-500mm/min (可任意设定, can be set up)                        |
| 测试行程 Test stroke         | 400, 500, 600mm (可按客户要求加高can be customized)                 |
| 测试宽度 Test width          | 40cm (可根据客户要求加宽can be customized)                           |
| 机台测试空间 Test space        | (W×H×D) 400x700x400mm                                       |
| 动力系统 Power system        | 伺服电机Servo Motor                                             |
| 传动方式 Drive method        | 高精度滚珠丝杆 (high precise ball rod)                             |
| 机台尺寸 Size of the machine | (W×H×D) 630x1390x1220mm                                     |
| 机台重量 Weight              | 机台重量Weight: 190KG                                           |
| 使用电源 Power               | 1 套, 220V/50Hz, 0.4KW                                       |
| 夹具 Fixture               | 拉力夹具一套/One set of tension fixture                           |



HD-524A常温型胶带保持力试验机（5组）  
HD-524B常温型胶带保持力试验机（10组）



（5组）



（10组）

产品简介 Brief Introduction

将胶带粘于实验板上，下端悬挂标准荷重，经一段时间后，测量胶带下滑距离或胶带粘着时间用来评定胶带粘着的持久性。  
Stick the adhesion tape to the test board, hung a given load to the end of the board and measure the slipping distance or the adhesive time of the tape to evaluate its durability.

设计标准 Design Criteria

CNS-11887、11888,PSTC-7,GB/T4851

主要技术参数 The Main Technical Parameters

|                          |                                   |                                  |
|--------------------------|-----------------------------------|----------------------------------|
| 产品型号 Product model       | HD-524A                           | HD-524B                          |
| 试验治具 Test fixture        | 5组/5 sets                         | 10组/10 sets                      |
| 砝码 Weights               | 1KG(或指定)(or specify)              | 1KG(或指定)(or specify)             |
| 计时器                      | 5组, 99小时99分钟99秒                   | 10组, 99小时99分钟99秒                 |
| Timer                    | 5sets,99hours,99minutes99secondgs | 10sets,99hours99minutes99seconds |
| 温度 Temperature           | 常温at room temperature             | 常温at room temperature            |
| 试验钢板 Test steel board    | 5片/5 pieces                       | 10片/10 pieces                    |
| 加载钢板 Loading steel board | 5片/5 pieces                       | 10片/ 5 pieces                    |
| 外型尺寸 Outside dimension   | (W×H×D)250x650x530mm              | (W×H×D)250x660x870mm             |
| 重量 Weight                | 32KG                              | 50KG                             |

HD-525A恒温胶带保持力试验机（5组）  
HD-525B恒温胶带保持力试验机（10组）



（5组）



（10组）

产品简介 Brief Introduction

本系列产品温度控制精度高、稳定性可靠。  
胶带试片于热温环境中，测试其胶带粘着时间。  
This series of products with high precision temperature control , stability , reliability .  
Put the adhesive tape in the hot temperature environments , test the tape adhesion time.

设计标准 Design Criteria

CNS-1187、11888、PSTC-7、GB/T4851

主要技术参数 The Main Technical Parameters

|                          |                                                                                          |                                     |
|--------------------------|------------------------------------------------------------------------------------------|-------------------------------------|
| 产品型号                     | HD-525A                                                                                  | HD-525B                             |
| 测试治具                     | 5组（分别计时）                                                                                 | 10组（分别计时）                           |
| Test fixture             | 5 sets(Timings Separately)                                                               | 10sets(Timings Separately)          |
| 荷重Weights                | 1kg,(或指定)(or specify)                                                                    | 1kg,(或指定)(or specify)               |
| 计时器                      | 5组, 99小时99分钟99秒                                                                          | 10组, 99小时99分钟99秒                    |
| Timer                    | 5sets,99hours,99minutes99secondgs.                                                       | 10sets,99hours,99minutes99secondgs. |
| 温度控制                     | 常温~200℃                                                                                  |                                     |
| Temperature control      | At room temperature~200℃                                                                 |                                     |
| 温度显示 Temperature display | 0.1℃                                                                                     |                                     |
| 升温方式 Warming up way      | 热风循环 Hot air circulation                                                                 |                                     |
| 安全装置                     | 设有超温及电热过载自动断电保护设施                                                                        |                                     |
| Safety devices           | Equipped with automatic over-temperature pads overload off protection facilities         |                                     |
| 机台材质                     | 内部SUS#304不锈钢，外部高级钢板烤漆处理                                                                  |                                     |
| Plant material           | Internal SUS#304stainless steel plate, external advanced powder coated steel processing. |                                     |
| 内箱尺寸                     | (W×H×D)340x450x450mm                                                                     |                                     |
| 外型尺寸                     | (W×H×D)470x1050x970mm                                                                    |                                     |
| 重量                       | 90kg                                                                                     | 105kg                               |
| 电源                       | 1φ,AC220V,15A                                                                            |                                     |

## HD-40T 恒温恒湿胶带保持力试验机 HD-40 temperature and humidity tape retentivity tester

### 产品简介 Brief Introduction

主要用于测试试样的抗粘连性，测试压敏胶带粘性。静态负荷试验，将胶带粘于试验板上，下端悬挂标准荷重，经一段时间自动计时后，测量胶带下滑距离或胶带粘着时间用来评定胶带粘着的持久性；

本机可模拟高温高湿/高温低湿/低温高湿/高温/低温等不同的环境条件，更搭配容易操作及学习的高准确性之程序设计控制及定点控制系统，提供最佳测试环境。

It is mainly to test the adhesive resistance property and the holding adhesive property of the pressure sensitive tape. The static loading test: paste the tape to the testing board, timing for a period, and evaluate the holding adhesion property according to the distance the tape slips or the time it takes.

This machine can simulate high temperature and high humidity/ high temperature and low humidity/ low temperature high humidity/ high temperature/ low temperature condition. And high standard procedure and control system are attached for good testing environment.



### 设计标准 Design Criteria

GB/T2423.1-4, GJB150A1/4,  
IEC68-2-30, GB/T4851

### 主要技术参数 The Main Technical Parameters

|                                       |                                                                                                                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 技术参数Material                          | 内部SUS #304不锈钢板，外部高级钢板烤漆处理SUS #304 Stainless steel board for inner part, and advanced paint coated for outside                                                                         |
| 保温材质Teat preservation material        | 超细玻璃棉 + 聚胺脂泡沫 ( PU发泡 ) fine glass silk+ PU foam                                                                                                                                       |
| 试验钢板厚<br>Thickness of the steel board | 1.5mm~2.0mm, 宽40~50mm, 长60~125mm,                                                                                                                                                     |
| 材质Material                            | SUS#304                                                                                                                                                                               |
| 温度范围Temperature range                 | -20℃~150℃                                                                                                                                                                             |
| 湿度范围Humidity range                    | 20 %RH~ 98 %RH                                                                                                                                                                        |
| 载入荷重Load load                         | 1kg                                                                                                                                                                                   |
| 温湿度控制精度Precis                         | ±0.5℃; ±2.5%RH ( 需于温度感测稳定30分钟后量测 )<br>±0.5℃; ±2.5%RH (should be measured 30 minutes after the sensor is stable)                                                                       |
| 温湿箱内均匀度Uniformity                     | ±0.5℃~±2.0℃; ±3%RH ( 需距测试区之每一壁面1/6位置量测，且需于温度稳定30分钟以后量测。 )<br>±0.5℃~±2.0℃; ±3%RH (should be measured at the position 1/6 away from the wall and 30 minutes after the sensor is stable) |

## HD-708 干燥箱(烘箱) HD-708 drying chamber



### 用途 Application

电热恒温干燥箱主要用于物品的烘焙干燥，热处理和加热。工农业生产、科学研究、医疗卫生等单位试验室均可使用，但不适用于挥发性物品、易燃物品，以免引起爆炸。

Electric heat temperature drying chamber is used for heat processing or heating. It is widely used in labs of agricultural and industrial manufacture, scientific studying, health and medical community. But it is not applicable to be used in volatility, flammability products in order to avoid explosion.

### 工作原理 Work theory

本机采用薄钢板制作而成，工作室内有试品搁板，工作室与箱体外壳之间有保温层，工作室的箱底设有进风孔，冷空气从箱底流进，由箱顶排气孔排出，两组加热组件分布于工作室的下部。根据需要可选择使用，箱内温度由温度传感器及控温仪控制。恒温系统，熔断器安装于箱体的左侧，并有活络门装置，维修较为方便。

It is composed of the thin steel board, and there are shift in the testing space, and insulating layer between the working space and the outside layer. And there is fresh air inlet at the bottom of the working space, the air comes in from it and discharges from the top. And the two groups of heating components are assembled in the bottom. The temperature is controlled by the sensor and temperature controller. And the Temperature system and fuse box are assembled on the left, there is also active gate for convenience for maintain.

### 主要技术参数 The Main Technical Parameters

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| 控温范围Temperature range             | 室温+10~300℃ Room temperature +10~300℃ |
| 温度波动Fluctuation                   | ± 1℃                                 |
| 工作电压Working voltage               | 220V                                 |
| 输入功率Input power                   | 2.2KW                                |
| 外形尺寸 (W×H×D)<br>Outside dimension | 850 × 830 × 640mm                    |
| 工作室尺寸 (W×H×D)<br>Working space    | 550 × 550 × 450mm                    |

## 可程式恒温恒湿试验机系列 Programmable constant temperature and humidity tester series

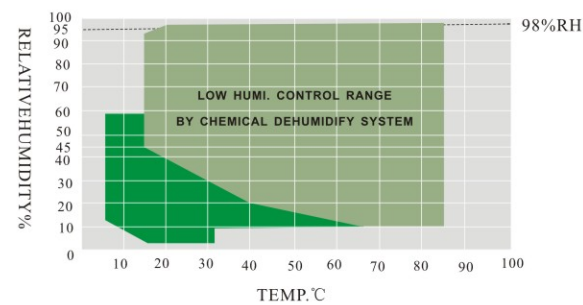
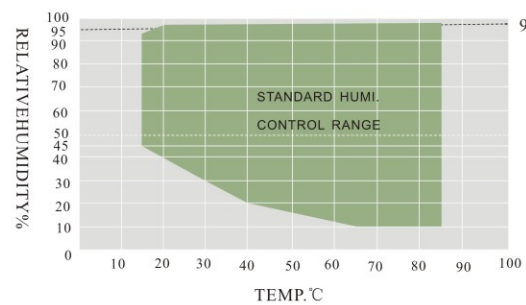


恒温恒湿80



恒温恒湿150

### 温湿度对照表 Temperature humidity cross-references



### 产品用途 Product use

本系列温湿试验箱能模拟各种温湿度环境，使用语检测电子、电器、食品、汽车、橡胶、塑料胶、金属等产品，满足GB/T2423, GJB150A1/4各种恶劣环境下的可靠性及稳定性能参数，将给您提供预测和改进产品质量及可靠性的依据。This series of temperature and humidity chamber is simulate a variety of temperature and humidity environment for testing electronics, Electrical appliances, food, automobiles, rubber, plastics rubber, metal and other products, To meet the GB/T2423,GJB150A1/4 a variety of harsh environment parameters such as reliability and stable performance. will provide you with predictable and improved product quality and reliability for reference.

### 主要技术参数 The Main Technical Parameters

|                                  |            |                                                                       |             |             |
|----------------------------------|------------|-----------------------------------------------------------------------|-------------|-------------|
| 型号/Model                         | HD-80T     | HD-100T                                                               | HD-120T     | HD-150T     |
| 内部尺寸Inside dimensions W*H*D(cm)  | 40*50*40   | 40*50*50                                                              | 50*60*40    | 50*60*50    |
| 外部尺寸Outside dimensions W*H*D(cm) | 85*140*95  | 85*140*105                                                            | 95*150*95   | 95*150*105  |
| 重量Weight(Approx.)(kg)            | 180        | 200                                                                   | 220         | 250         |
| 型号/Model                         | HD-225T    | HD-408T                                                               | HD-800T     | HD-1000T    |
| 内容积 (Liliter)                    | 225        | 408                                                                   | 800         | 1000        |
| 内部尺寸Inside dimensions W*H*D (cm) | 50*75*60   | 65*85*80                                                              | 100*100*85  | 100*100*100 |
| 外部尺寸Outside dimensions W*H*D(cm) | 95*165*115 | 105*175*135                                                           | 145*190*135 | 145*190*155 |
| 重量Weight(Approx.)(kg)            | 300        | 400                                                                   | 600         | 700         |
| 性能<br>(Performane)               | 调温调湿方式     | 平衡调温调湿方式 (BTHC) PID智能调节                                               |             |             |
|                                  | 温度范围       | 0℃, -20℃, -10℃, -60℃, -70℃~150℃;20%~98%R.H                            |             |             |
|                                  | 温湿度控制精度    | +/-0.5℃;+/-2.5%RH                                                     |             |             |
|                                  | 温湿箱内均匀度    | +/-0.5℃~+/-0.2℃;+/-3%RH                                               |             |             |
|                                  | 控制器解析精度    | +/-0.01%℃;+/-1%R.H                                                    |             |             |
|                                  | 升温速率       | ≤2.5℃/min                                                             |             |             |
|                                  | 降温速率       | 平均1℃/min                                                              |             |             |
|                                  | 内体材料       | SUS#304镜面不锈钢板                                                         |             |             |
|                                  | 外壳材料       | SUS#304拉丝不锈钢板或防锈处理冷轧钢板 (喷塑)                                           |             |             |
| 调节器<br>Regulator                 | 绝缘材料       | 超细玻璃棉+聚胺脂泡沫                                                           |             |             |
|                                  | 制冷方式       | 单级压缩, 二元冷冻                                                            |             |             |
|                                  | 制冷机        | 全封闭 (法国泰康或德国谷轮) 压缩机                                                   |             |             |
|                                  | 制冷剂        | R23/R404A                                                             |             |             |
|                                  | 冷凝方式       | 风冷或水冷                                                                 |             |             |
|                                  | 加热器        | 镍铬合金不锈钢加热器                                                            |             |             |
|                                  | 加湿器        | 不锈钢加湿筒                                                                |             |             |
|                                  | 鼓风机        | 离心风机                                                                  |             |             |
|                                  | 气流方式       | 宽带式强迫气流循环 (上出下进)                                                      |             |             |
| Controller                       | 操作界面       | 液晶触摸显示屏                                                               |             |             |
|                                  | 运转方式       | 恒定运转、程序运转                                                             |             |             |
|                                  | 程序记忆容量     | 120组可编程序、每个程序最大100 (段)                                                |             |             |
|                                  | 设定指标范围     | 温度: -100℃+300℃湿度: 99.9%R.H                                            |             |             |
|                                  | 分辨率        | 温度: 0.1℃湿度: 0.1%R.H                                                   |             |             |
|                                  | 输入         | PT100或T型热电偶                                                           |             |             |
|                                  | 控制方式       | PID控制                                                                 |             |             |
|                                  | 通讯功能       | RS-232接口                                                              |             |             |
|                                  | 打印功能       | 日本横河6电记录仪 (选购件)                                                       |             |             |
| 供水<br>Water supply               | 附属功能       | 上下限报警、自诊断、报警显示 (故障原因)、定时装置 (自动开机、关机) 相序保护                             |             |             |
|                                  | 供水方式       | 循环供水                                                                  |             |             |
|                                  | 供水箱        | 内置手拉式 (30KG容量)                                                        |             |             |
|                                  | 水质         | 电阻率>500Ω.M                                                            |             |             |
| 标准配置Standard features            |            | 观察窗 (双层中控钢化玻璃) 1个; 测试孔φ500mm (位于左边) 1个; 样片架2层, 向内照明灯 (荧光灯) 1个; 供水箱1个; |             |             |
| 安全装置Safety device                |            | 电源用漏电保护器, 防干烧装置, 水系统保护装置, 极限高温保护, 温度偏差报警, 压缩机超压, 过载, 缺水, 缺相等保护        |             |             |

## HD-704 耐黄/老化试验机 HD-704 Anti-yellowing & Aging Tester

### 产品简介 Brief Introduction

本产品可做二种测试：老化与耐黄变  
老化：本机可促进加硫橡胶之劣化，以计算加热前后拉力及伸长之变化率，一般认为在70℃下测试一天，理论上相当于暴露在大氣中6个月的时间。

耐黄：本机是模拟大氣环境中，受阳光紫外线照射，外观变化一般认为在50℃下测试9小时，理论上相当于暴露在大氣中6个月的时间。

This product can do two kinds of testing: aging and anti-yellowing

Aging: the machine can promote the increase of sulfur rubber deterioration, to calculate the change rate of tensile and elongation before and after heat. It's generally thought that test for one day at 70℃, in theory as exposed to the atmosphere for 6 months.

Anti-yellowing: the machine stimulate the atmosphere environment, driven by the sun ultraviolet radiation. It's generally thought that the appearance change at 50℃ for 9 hours, in theory as exposed to atmosphere for 6 months.



### 设计标准 Design Criteria

GB/T16491、GB/T1040、GB/T1041、  
GB/T8804.1-2、GB13022

### 主要技术参数 The Main Technical Parameters

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| 内箱尺寸Inner Box Size               | 50×50×60cm                                                                                   |
| 温度范围Temperature Range            | 常温Normal Temperature~200℃                                                                    |
| 控制方式Control Mode                 | 自动演算控制器Automatic Calculation Controller                                                      |
| 温度显示Temperature Display          | 0.1℃                                                                                         |
| 控制精度Control Accuracy             | ± 3℃                                                                                         |
| 分布精度Distribution Accuracy        | ± 1℃(at-100℃)                                                                                |
| 时间记忆Time Memory                  | 0-9999小时，停电记忆型、含蜂鸣器<br>0-999 hours, Power Failure Memory Type, with Buzzer                   |
| 转盘速度Wheel Speed                  | φ45cm、10±2 转/每分钟 (round/ min)                                                                |
| UV光源UV Light Source              | UV300W 灯泡 (Bulb)                                                                             |
| 标准配件Standard Accessories         | 棚板2片Shelf Board 2 pieces                                                                     |
| 加热方式Heating Method               | 热风循环Hot Air Circulation                                                                      |
| 安全保护Security Devices             | 超温断电指示灯、安全超载开关电流表 Over-temperature power-off indicator light; Safety overload switch ammeter |
| 制造材质<br>Manufacturing Material   | 内部SUS#304不锈钢板，外部高级烤漆 Internal Stainless Steel SUS304; External Advanced Baking Varnish       |
| 外箱尺寸Outside Dimension<br>(W×H×D) | 940×1300×1140 mm                                                                             |
| 重量Weight                         | 140 kg                                                                                       |
| 电源Power                          | 1 φ, AC220V/50Hz, 15A                                                                        |



HD-901A 旋转粘度计 (指针式)  
HD-901A Rotating viscometer  
(Pointer type)



HD-901B 旋转粘度计(数字式)  
HD-901A Rotating viscometer  
(Digital)



HD-903 便携式涂-4粘度计  
HD-903 Portable Tu-4  
Viscometer



HD-914 岩田杯  
HD-914 Iwata Cup



HD-915 蔡恩杯  
HD-915 Caien cups



HD-525 /HD-525A胶带初粘性试验机  
HD-525 /HD-525A Tape initial  
adhesion tester



HD-530 小初粘性试验机  
HD-530 Small initial viscosity  
tester



HD-526 手动辗压滚轮 (压滚)  
HD-526 Manual Tape Adhesion  
Roller



HD-526B 电动辗压滚轮 (双滚)  
HD-526B Electric Tape  
Adhesion Roller



HD-018 光泽度仪  
HD-018 Gloss meter



HD-911 指针式厚度计  
HD-911 Pointer type Thickness  
meter



HD-911A 数显式厚度计  
HD-911A Digital Thickness  
meter