

# THERMAL SHOCK TEST CHAMBER

## 冷热冲击试验箱 HD-E703



### 技术参数 Technical Parameters

型号/Model	HD-E703-50	HD-E703-100	HD-E703-200	HD-E703-300
内箱尺寸 Internal Dimension(W*D*H)	350*350*400mm	500*450*450mm	650*670*450mm	800*820*450mm
外箱尺寸(不锈钢款) External Dimension (SUS Type) (W*D*H)	1230*1270*1830mm	1380*1370*1980mm	1530*1590*1980mm	1680*1735*1980mm
试验方式 Test Method	气动风门切换2箱式或3箱式 Pneumatic Operated Door Switch( two/three-zone)			
冲击范围 Thermal shock range	-40℃, -55℃, -65℃~+150℃			
高温室预热温度范围 High Temp Chamber Preheating Range	常温 + 10℃-200℃ Ambient + 10℃-200℃			
升温速度 Heating Speed	≤35min			
低温室预冷温度范围 Low Temp Chamber Precooling Range	-10℃~-75℃			
降温速度 Cooling Speed	≤50min			
温度偏差 Temp Tolerance	±2℃			
温度恢复时间 Thermal Recovery Time	三箱式≤5分钟, 稳定时间约5分钟; 两箱式为提篮移动7S-35S, 稳定时间约5分钟 Three zone model≤5 minutes, recovery time is 5 minutes; Two zone model: 7-35 second, recovery time is 5 minutes			
内箱材料 Internal Material	304不锈钢 Stainless Steel 304			
外箱材料 External Material	不锈钢或静电喷漆 Stainless Steel / Spray Paint			
控制器 Controller	控制界面 Operation Panel	可编程液晶触摸屏 Programmable LCD Touch Screen		
	程序记忆容量 Program Memory Capacity	100组可编程 100 Programs		
	设定范围 Setting Range	时间: 1分钟~99小时59分钟; 循环: 1~999循环 Time: 1min~99h59min; Cycles: 1~999 Cycles		
	分辨率 Resolution	温度: 0.01℃; 时间: 1分钟 Temp.: 0.01℃; Time: 1 min		
制冷系统 Refrigeration system	制冷方式 Cooling Method	机械压缩二元复迭制冷 Mechanical Compression Binary Cascade Refrigeration		
	制冷压缩机 Refrigeration Compressor	半封闭活塞式 Semi-closed Piston		
	制冷剂 Refrigerant	R23/R404		

### 仪器简介 Product Introduction

完善的保护报警功能: 当出现短路、漏电、工作室超温; 压缩机超压、过载、油压、断水等异常状况时, 荧幕上即刻自动显示故障原因及提供排除方法, 并当发现输入电压不稳时, 具有紧急停机装置, 冷热冲击结构移动时间在10秒内。

可扩充设备: 温度记录器; 快速降温控制系统。

功能模块: 此设备分为高温区、低温区及测试区三部分, 采用独特的断热结构及蓄热、蓄冷效果, 采用冷热风路切换方式导入试样中, 做冷热冲击测试。

采用原装日制微电脑大型液晶(中英文显示控制系统)。高程式记忆容量, 可设定储存100组程式, 最大循环设定9999次循环, 每段时间最大设定999小时59分钟。

具有RS-232通信界面装置, 可与电脑连线控制/编辑/记录及十组动态链接。

具备全自动, 高精度系统, 任一机件动作, 完全由P.L.C锁定处理。

Perfect protection alarm functions: short-circuits, leakage, over temperature of work chamber.compressor over pressure, over load, short water and so other unnormal situation, interface will display the alarm reason and provide check methods, also the machine with emergency stop devices when input voltage not stability.

Optional device:temperature recorder; fast cool speed system.

Functions: the device including high temperature area, low temperature area and test chamber, adopt unique break hot structure and heat, cold storage, perform thermal shock test by switching hot and cold wind into samples.

LCD color chinese / english microcomputer temperature controller, which imported from japan. High capacity memory, can save 100 programs, max 9999 cycles, each max time 999hrs 59mins.

With rs-232 interface, connect to pc can control/ edit/ record and timer singlar relay.

Fully automatic, high precious, each action control by PLC.

### 满足标准 Test Standard

MTL, IEC, JIS, GJB...



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AGS-TECH Inc.

Phone: +1-505-550-6501 and +1-505-565-5102; Fax: +1-505-814-5778

Email: sales@agstech.net

Web: http://www.agstech.net