Product introduction:

Walk-in chambers are complex systems that can push the limits of lab space and utilities—DETECT works to design a system that suits our clients’ test requirements.

Parameters just for reference:

|  |  |
| --- | --- |
| Working room capacity | 8 cubic meter |
| Internal dimension(W\*D\*H) | 2250\*1800\*2000mm |
| External dimension(W\*D\*H) | 3600\*2100\*2530mm |
| Temperature range | 0℃; -10℃; -20℃; -40℃~ +150℃ |
| Humidity range | 20% ~ 95% RH |
| Temperature fluctuation | ±2°C |
| Humidity fluctuation | ±3%RH |
| Cooling speed | 1℃/min in average, without loading |
| Heating speed | 3℃/min in average, without loading |
| Internal material | Stainless steel 304 |
| External material | Steel plate with coating |
| Temperature measurement and controller | 32 bit control and monitoring system;  Programmable LCD touch screen controller;  Interface facility with RS232/USB |
| Viewing window dimension | 280\*380mm |
| Customized size | 2, 4, 6,40 cubic meter  2, 4, 6, 40 m³ |

|  |  |
| --- | --- |
| Internal capacity | 2, 4…40, 50 cubic meter |
| High temperature | 100℃ |
| Low temperature | -70℃ |
| Temperature fluctuation | ±0.5℃ |
| Temperature deviation | ±2℃ |
| Humidity range | 30~98%R.H |
| Humidity error | +2/-3%R.H |
| Heating time | 1℃/min in average |
| Cooling time | 1℃/min in average |
| Cooling method | Water cooling |
| Controller | LCD touch screen, programmable controller |
| Program capacity | 120 groups, 1200 sections |
| Safety protection device | Over temperature, compressor overload, compressor overvoltage, heater short circuit |
| Power | AC380V, 50/60Hz, single phase |
| Internal chamber material | SUS# 304 |
| External material | Stainless steel with paint spray |

Advantage at a glance：

1.Imported parts: Authentic guarantee, Ten times the compensation for counterfeit parts

German GEA Bock compressor

[Schneider](http://www.baidu.com/link?url=q44aRF-InDZxMUtF6TaxtyL7sqW7Hog6_z-YEjhcU9AjVMIWQoUB86iYtsdUauNa) state replay

Korea TEMI 1500 Controller

2. Indoor Emergency-stop device

Designed for serviceability and safety:

The equipment can be shut down in the interior.

Control operation:

1. Color LCD interactive touch-screen system

Operation and settings simplified by the

use of a touch-screen LCD display

(instructions displayed on-screen). At-aglance

confirmation of test patterns, test

area temperatures, temperature cycles, and

trend graph displays.

2.Construction of standard climate rooms

The climate rooms are modular built and consist of insulated walls and ceilings with

steel plate in 50, 80 or 100.

The standard floor constits of 20 mm lumber, 100 mm Polyurethaan insulation with

fibbe glass converage, load bearing capacity 500 kgs/qm.

Floor panels standard with antislip glass fiber stronged toplayer. Optional available with aluminum or stainless steel toplayer.

For almost any purpose we can provide the climate rom with the right door, swing door left or right handed, sliding doors, doors with window, etc.