

Temperature & Humidity Test Chamber



Purpose				
This series is applicable for the testing of the indices of the spaceflight and aviation products, information electronic instruments and meters, materials, electrical and electronic products, and electronic and electrical components and parts in high-temperature, low-temperature, humid and heat environment.				
Chamber Structure				
The inner bladder of the chamber is made of SUS304 stainless steel plate while the outer bladder is made of A3 steel plate sprayed with plastic.				
A large observation window is set on the chamber door. Double-layer high-temperature resistant and high-intensity seal is adopted between the chamber door and the chamber body in order to ensure the obturation of the testing area. A test hole with 25mm, or 50mm or 100mm diameter is set on the left of the chamber body. A high-quality fixable PU moving wheel is adopted on the bottom of the test chamber.				
Control System				
The temperature and humidity control instrument adopts imported South Korean TEMI800 meter with Chinese and English operation interface. The capacity of 100 sets of programmable 1,000-section 999-circular steps is available, and the set maximal time every section is 99h 59min. There is RS-232 or RS-485 communication interface and can connect to PC for corresponding operation.				
Specs & Technical Parameters				
Model	GDWS-100	GDWS-225	GDWS-500	GDWS-1000
Workroom Dimensions (cm)	45*45*50	50*60*75	70*80*90	100*100*100
Exterior Dimensions (cm)	105*97*176	105*102*200	132*132*217	170*152*231
Power	6.0(KW)	7.0(KW)	13.5(KW)	15.0(KW)
Temperature Range	A:-20℃~150℃ B:-40℃~150℃ C:-60℃~150℃ D:-70℃~150℃			
Humidity Range	20~98% R.H			
Fluctuation/Evenness	±0.5℃/±2℃			
Humidity Deviation	+2, -3% R.H			
Temperature Rise Speed	1.0~3.0℃/min			
Temperature Fall Speed	0.7~1.0℃/min			

***Note: The temperature range and chamber size can be customized.**

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