

DWC Series Impact Testing Low Temperature Chamber(Compressor refrigeration)



Application

DWC Series Temperature Chamber is designed according to the standard of 'Charpy Notch Impact Test Method for Metal Materials' and adopts compressor cooling technology, which is made up of two sections (Low temperature grade and high temperature grade). It utilizes the heat balance principle and cycle stirring method to realize the constant temperature cooling to impact specimen with the reliable performance.

Standards:

ASTM, E23-02a, En10045, ISO83, GB/T229-2009

Specifications

Model	DWC-40	DWC-60
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Temperature range	+30~-40°	+30~-60°	
Temperature Control Accuracy	±0.5°		
Effective working space	120×120×80mm		
Specimen dimension	10×10×55mm		
Specimen quantity	More than 60 pcs		
Temperature dropping speed	+30°C~0°C 1.2°C/min	+30°C~0°C 2°C/min	+30°C~0°C 2°C/min
	0°C~-20°C 0.8°C/min	0°C~-20°C 1.5°C/min	0°C~-20°C 1.5°C/min
	-20°C~-40°C 0.5°C/min	-20°C~-40°C 1.0°C/min	-20°C~-60°C 1.0°C/min
		-40°C~-60°C 0.7°C/min	-60°C~-80°C 0.7°C/min
Dimensions(mm)	800×510×480	800×510×480	800×510×480
Mode of refrigeration	Compressor refrigeration		
Cooling Medium	Ethanol or other unfrozen liquid		
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Temperature Control Accuracy	±0.5°		
Effective working space	120×120×80mm		
Specimen dimension	10×10×55mm		
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