



Model WDC-80T Low temperature Chamber for Impact Specimen

Applications:

Model WDC-80T low chamber is newly designed according to Charpy notch Impact Test Method for Metal Material, and adopts compressor cooling technology. It utilizes the heat balance principle and cycle stirring method to realize the constant temperature cooling to impact specimen with the reliable performance. Digital display, automatic control temperature, and it is the ideal equipment for cooling and keeping temperature to impact specimen.

Main Specifications

Temperature control range $+30^{\circ}\text{C} \sim -80^{\circ}\text{C}$

Constant temperature accuracy: $\pm 0.5^{\circ}\text{C}$

Temperature dropping speed: $+30^{\circ}\text{C} \sim 0^{\circ}\text{C}$ 1.5 $^{\circ}\text{C}/\text{min}$
 $0^{\circ}\text{C} \sim -20^{\circ}\text{C}$ 1.2 $^{\circ}\text{C}/\text{min}$
 $-20^{\circ}\text{C} \sim -40^{\circ}\text{C}$ 1.0 $^{\circ}\text{C}/\text{min}$
 $-40^{\circ}\text{C} \sim -60^{\circ}\text{C}$ 0.8 $^{\circ}\text{C}/\text{min}$
 $-60^{\circ}\text{C} \sim -80^{\circ}\text{C}$ 0.5 $^{\circ}\text{C}/\text{min}$

Dimension: 700×600×800mm

Effective working space: 220 × 170 × 120mm

Specimen quantity more than 60 pcs

Specimen dimension: 10x10x55mm

Cooling media: Alcohol or other non-freezing solution

Stir motor power: 12W

Power supply: 220V ~ 240V, 50Hz, 2.5kW

Machine Photo:

