

JBDW-CD -196°C Low-temperature Automatic Impact Testing Machine



Picture is for reference only

Application:

Pendulum Charpy impact testing machine is used to determine the impact toughness of metal materials under dynamic load according to ISO148, ASTM E23 and EN 10045. It is suitable for laboratory, metallurgy industry, machinery production, steel plant and other fields. Liquid nitrogen refrigeration

Main Technical Specifications:

Model	JBDW-300CD	JBDW-450CD	JBDW-750CD
	JBDS-300CD	JBDS-450CD	JBDS-750CD
Type	C		
Control Method	JBDW series is computer control JBDS series is PLC touch screen control		
Max. impact energy	300J	450J	750J
Impact speed	5.24m/s		

Pre-rising angle of the pendulum	150°		
Angle accuracy	±0.1°		
Specimen bearer span	40mm		
Round angle of the jaw	R1.0~1.5mm		
Round angle of impact edge	R2.0~2.5mm(R8mm for choice)		
Angle of impact edge	30°		
Thickness of impact knife	16mm		
Capacity of sample box	20 pcs		
Cooling way	Compressor refrigeration		
Range of low temperature	liquid nitrogen refrigeration(-196°C)		
Precision of controlling temperature	fluctuation ±1.5°C grades 2°C/(-196°C)		
The distance between the pendulum shaft and impact point	750mm		
Standard specimen dimension	10 x 10(7.5 or 5) x 55mm		
Pendulum	300J 1pc	450J 1pc	750J 1pc