



Computer Control Ultralow-temperature Automatic Charpy Impact Testing Machine

Product description:

Impact Testing Machine



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PRODUCT DETAILS

PRODUCT VIDEO

1.Application:

JBDW-D Computer Control Ultralow-temperature Automatic Charpy Impact Testing Machine is used for measuring the metal material resistance performance under dynamic load, in order to determine the material properties under dynamic load. It's a necessary testing machine, not only used in the metallurgy, machine manufacture etc areas, but also used for the science research.

2Standards:

ASTM E23, ISO148-2006 and GB/T3038-2002, GB/229-2007.

3.Technical Specifications:

Model	JBDW-300D	JBDW-500D
Impact Energy	150 J / 300 J	250 J / 500 J
Value Of Every Grid	1 J	
Control Methods	Computer Full Automatic Control	
The Distance Between The Pendulum Shaft And Impact Point	750 mm	800 mm
Impact Speed	5.2 m/s	5.4 m/s
Impact Pendulum Configuration	150 J, 1 PC; 300 J, 1 PC	250 J, 1 PC; 500 J, 1 PC
Pre-rising Angle Of The Pendulum	150°	
Specimen Bearer Span	40+0.2 mm	
Round Angle Of The Jaw	R 1.0~1.5 mm	
Round Angle Of Impact Edge	R 2.0~2.5 mm (Special Order: R8±0.05 mm)	
Angle Accuracy	±0.1°	
Standard Specimen Dimension	10 mm*10(7.5 or 5) mm*55 mm	
Thickness Of Impact Knife	16 mm	
Cooling Way	Liquid Nitrogen Refrigeration	
Capacity Of Sample Box	6 PCS	
Range Of Low Temperature	0°C ~ -190°C	
Precision Of Controlling Temperature	Fluctuation ±3°C Grades 2°C	
Power Supply	3phs, 380V, 50Hz	

