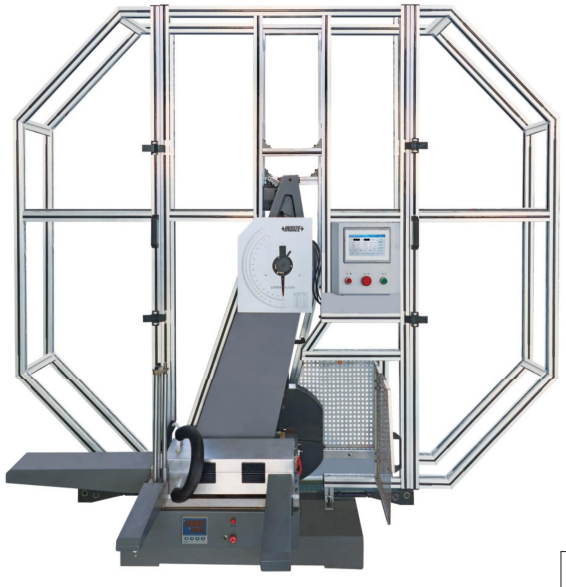
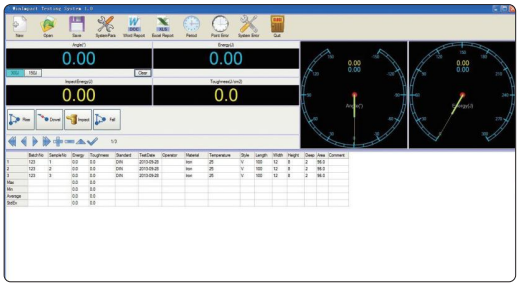
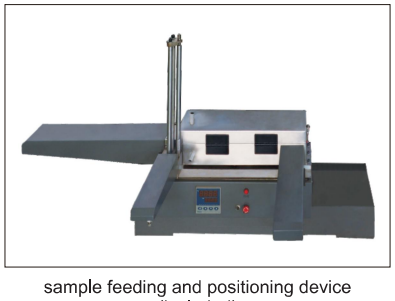
LOW TEMPERATURE AUTOMATIC IMPACT TESTING MACHINES



ITM-T300J

software (included)





sample feeding and positioning device (included)



low-temperature chamber (**optional**)

- According to GB/T 3808, GB/T 229, JJG 145, ASTM E23 (with American standard blade), ISO 148.1, ISO 148.2, ISO 148.3, ISO R83
- For testing the anti-impact performance of metal materials under dynamic load
- Capable of performing metal impact tests in large quantities on a continuous basis
- Automatic sample feeding and positioning

SPECIFICATION

Code	ITM-T150J	ITM-T300J	ITM-T450J	ITM-T600J	ITM-T750J
Impact energy	150J	300J	450J	600J	750J
Dial range	0~150J	0~300J	0~450J	0~600J	0~750J
Dial graduation	1J	2J	3J	4J	5J
Pendulum moment	M=80.3848N·m	M=160.7695N·m	M=241.1543N·m	M=321.5390N·m	M=401.9238N·m
Pendulum preparing angle	150°				
Distance between pendulum shaft center and specimen center	750mm				
Impact speed	5.24m/s				
Span of specimen seat	40mm				
End face radius of specimen seat	R (1.0~1.5)mm				
Radius of impact blade	R (2.0~2.5)mm				
Inclination angle of support surface of specimen seat	11°±1°				
Angle of impact blade	30°±1°				
Thickness of impact blade	16mm				
Range of measuring angle	0~360°				
Angle resolution	≤0.06°				
Specimen size	10×10×55mm				
Base size	960×650mm				
Dimension of main body	2100×835×2200mm				
Weight	900kg				
Power supply	AC380V, 3Ø, 50Hz				
Power	1.5kW				

SPECIFICATION OF LOW-TEMPERATURE CHAMBER (OPTIONAL)

Code	ITM-T-60	ITM-T-180	ITM-T-196
Range of temperature	room temperature~-60°C	-20°C~-180°C	room temperature~-196°C
Accuracy of temperature control	±0.5°C	±2°C	room temperature~-80°C: ±0.5°C, -80°C~-196°C: ±2°C
Evenness	≤1.0°C	≤2.0°C	room temperature~-80°C: ≤1.0°C, -80°C~-196°C: ≤2.0°C
Resolution	0.1°C	0.1°C	room temperature~-80°C: 0.1°C, -80°C~-196°C: 0.1°C
Method of refrigeration	compressor refrigeration	liquid nitrogen refrigeration	room temperature~-80°C: compressor refrigeration -80°C~-196°C: liquid nitrogen refrigeration
Cooling medium	ethanol or other unfrozen liquid	liquid nitrogen	room temperature~-80°C: compressor refrigeration -80°C~-196°C: liquid nitrogen refrigeration
Cooling speed	+25°C~0°C, about 1.8°C/min 0°C~-20°C, about 1.5°C/min -20°C~-40°C, about 1.3°C/min -40°C~-60°C, about 1.0°C/min	1°C~-3°C	+25°C~0°C, about 2.0°C/min 0°C~-40°C, about 1.5°C/min -40°C~-80°C, about 1.3°C/min -80°C~-196°C, 1°C~-3°C
Heating speed	3°C/min		
Timekeeping device	1min~999min, resolution: 1min		

STANDARD DELIVERY

Main unit		1 pc
Control cabinet		1 pc
Digital display screen		1 pc
Sample feeding and positioning device		1 pc
Sample recovery device		1 pc
Simply supported beam fixture (including jaws, anvil)		1 set
Pendulum	ITM-T150J	150J pendulum
	ITM-T300J	300J pendulum and 150J pendulum
	ITM-T450J	450J pendulum and 150J pendulum
	ITM-T600J	600J pendulum and 150J pendulum
	ITM-T750J	750J pendulum and 150J pendulum
Span aligner		1 pc
Tongs		1 pc
Safety cover		1 set
Software		1 set
Computer		1 pc
Printer		1 pc

OPTIONAL ACCESSORY

150J pendulum	ITM-T-PE150J
300J pendulum	ITM-T-PE300J
450J pendulum	ITM-T-PE450J
600J pendulum	ITM-T-PE600J
750J pendulum	ITM-T-PE750J
ASTM standard impact blade	ITM-T-1
Impact specimen notch projector (GB/T 229, ASTM E23)	ISP-Z2
Low-temperature chamber	ITM-T-60, ITM-T-180, ITM-T-196
Workbench	7911-15
Impact specimen notch broaching machine (double broaches)	ITM-U32
Impact standard sample	ITM-BR series