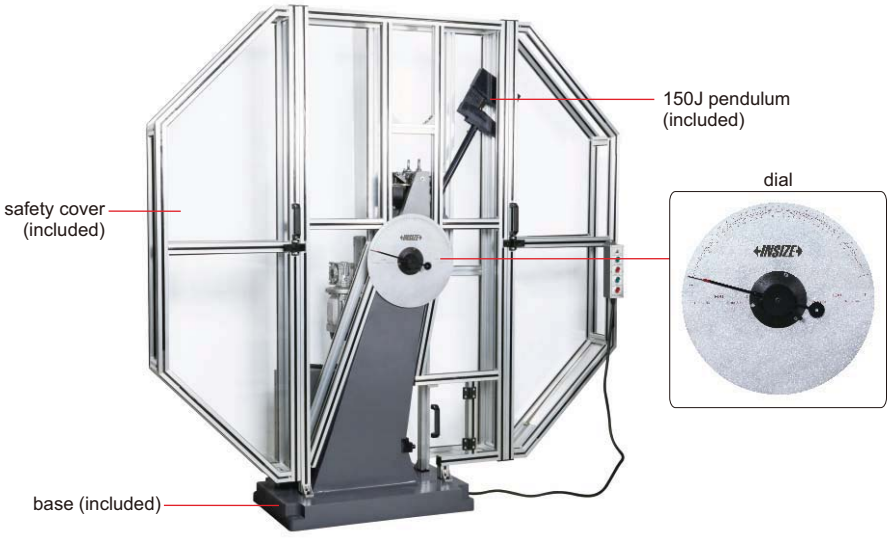
SEMI-AUTOMATIC IMPACT TESTING MACHINE
CODE ITM-S300J

VIDEO





300J pendulum (included)

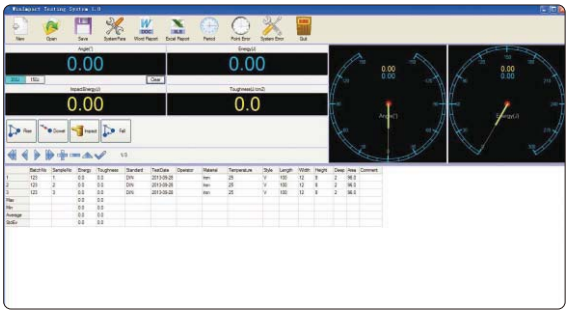


span aligner (included)



specimen center aligner (included)

software (included)



- According to ISO148
- For testing the anti-impact performance of metal materials under dynamic load
- High-precision bearings, small bearing friction, the impact absorption rate of empty pendulum is less than 0.3%
- Alloy steel impact blade, hardness HRC60
- PLC controller with built-in energy loss correction program
- Supplied with safety cover
- Supplied with software for data storage, automatic processing, etc.
- Data can be stored in Excel format, output and printed

SPECIFICATION

Impact energy	300J	150J
Dial range	0~300J	0~150J
Dial graduation	2J	1J
Pendulum moment	M=160.7695N.m	M=80.3848N.m
Pendulum preparing angle	150°	
Distance between pendulum shaft center and specimen center	750mm	
Impact speed	5.2m/s	
Span of specimen seat	40mm	
End face radius of specimen seat	R1.0~1.5mm	
Radius of impact blade	R2.0~2.5mm	
Inclination angle of support surface of specimen seat	11°	
Angle of impact blade	30°	
Thickness of impact blade	16mm	
Range of measuring angle	0~360°	
Angle resolution	≤0.06°	
Specimen size	10x10x55mm	
Base size	800x500mm	
Power supply	AC 380V, 50Hz	
Power	400W	
Dimension of main body	2150x640x1400mm	
Weight	420kg	

STANDARD DELIVERY

Main unit	1 pc
150J pendulum	1 pc
300J pendulum	1 pc
Span aligner	1 pc
Specimen center aligner	1 pc
Safety cover	1 set
Computer	1 set
Software	1 set
Printer	1 pc

OPTIONAL ACCESSORY

Workbench	**7911-15**