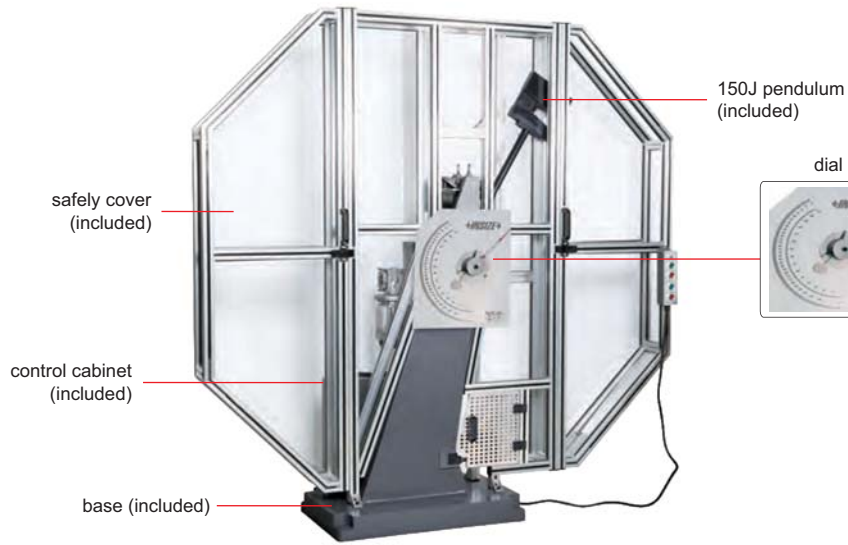


SEMI-AUTOMATIC IMPACT TESTING MACHINES



ITM-S150J



dial



pendulum (included)



span aligner (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



software (included)



tongs (included)

SPECIFICATION

| Code | ITM-S150J | ITM-S300J | ITM-S450J | ITM-S600J | ITM-S750J |
|--|-----------------|---------------|-----------------|---------------|---------------|
| 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 | | | | |
| Power supply | AC 380V, 50Hz | | | | |
| Base size | 800×500mm | | 960×650mm | | |
| Power | 400W | | 1.5kW | | |
| Dimension of main body | 2050×690×2015mm | | 2100×835×2200mm | | |
| Weight | 450kg | | 900kg | | |

STANDARD DELIVERY

| | | |
|--|------------------|---------------------------------|
| Main unit | | 1 pc |
| Dial | | 1 pc |
| Control cabinet | | 1 pc |
| Pendulum | ITM-S150J | 150J pendulum |
| | ITM-S300J | 300J pendulum and 150J pendulum |
| | ITM-S450J | 450J pendulum and 150J pendulum |
| | ITM-S600J | 600J pendulum and 150J pendulum |
| | ITM-S750J | 750J pendulum and 150J pendulum |
| Simply supported beam fixture (including jaws, anvil) | | 1 set |
| Computer | | 1 set |
| Printer | | 1 pc |
| Software | | 1 set |
| Span aligner | | 1 pc |
| Tongs | | 1 pc |
| Safety cover | | 1 set |

OPTIONAL ACCESSORY

| | |
|-----------------------------------|----------------------|
| Workbench | 7911-15 |
| 150J pendulum | ITM-S-PE150J |
| 300J pendulum | ITM-S-PE300J |
| 450J pendulum | ITM-S-PE450J |
| 600J pendulum | ITM-S-PE600J |
| 750J pendulum | ITM-S-PE750J |
| ASTM standard impact blade | ITM-S-ASTM-IB |
| Sample recovery device | ITM-S-RD |
| Digital display screen | ITM-S-DDS |