

KASON-JL/DWTT SERIES

Drop Weight Impact Testing Machine

TECHNICAL SPECIFICATIONS

| MODEL | KASON-JL-2000 | KASON-JL-3000 | KASON-JL-6000 |
|---------------------------|-----------------------------|---------------|---------------|
| Maximum Energy(J) | 2000 | 3000 | 6000 |
| Minimum Energy(J) | 300 | 350 | 750 |
| Maximum Tup Mass(kg) | 70 | 100 | 200 |
| Tup Mass Accuracy | ±1% | | |
| Drop Height(mm) | 750~2915 | 750~3062 | 750~3062 |
| Velocity of drop(m/s) | 3.8~7.8 | | |
| Speed of tap raise(m/s) | 7 | | |
| Height Accuracy(mm) | ≤±10 | | |
| Hardness of tup nose | HRC58-62 | | |
| Radius Of Tup Nose(mm) | R25.4±0.1 | | |
| Sample Centered Error(mm) | ±1 | | |
| Support Anvil Span | P-1:305, P-2, P-3:100 | | |
| Specimen Dimension | P-1:(360±1)×(90±2)×(25±2.5) | | |
| Power Supply | 380V±10%,50/60Hz | | |



APPLICATION

This type of machine is especially designed for drop-weight tear tests of ferritic steels and line pipe.

TECHNICAL SPECIFICATIONS

| MODEL | KASON-DWTT-20000 | KASON-DWTT-30000 | KASON-DWTT-50000 | KASON-DWTT-80000 | KASON-DWTT-100000 |
|-----------------------|---|------------------|------------------|------------------|-------------------|
| Maximum Energy(J) | 20000 | 30000 | 50000 | 80000 | 100000 |
| Minimum Energy(J) | 8000 | 8000 | 20000 | 20000 | 20000 |
| Tup Mass(kg) | 630 | 630 | 1600 | 1620 | 1620 |
| Tup Mass Accuracy | ±1% | | | | |
| Weight mass | 120 | 390 | 360 | 780 | 1380 |
| Weight mass accuracy | ±0.5% | | | | |
| Total weight of tup | 750 | 1020 | 1960 | 2400 | 3000 |
| Drop Height(mm) | 1275~2800 | 1275~3000 | 1275~2610 | 1275~3400 | 1275~3400 |
| Velocity Of Drop(m/s) | 5~7.67 | 5~7.67 | 5~7.14 | 5~8.16 | 5~8.16 |
| Height Accuracy(mm) | ≤±10 | | | | |
| Hardness Of Tup Nose | HRC58-62 | | | | |
| Radius Of Tup Nose | R25±0.1mm | | | | |
| Sample Centered Error | ±1mm | | | | |
| Specimen Dimension | (300±5)×(75±1.5)×(3-50)mm;(305±19)×(76.2±3)×(3-50)mm P-3:(130±1)×(50±1)×(16±0.5) | | | | |



KASON-BT-10 SERIES

Wire Repeated Bending Test Machine

APPLICATION

Mainly used for repeated bending test of metal wire and testing performance and defect of bearing plastic deformation at the process of bending metal wire repeatedly. You can operate on digital display screen and it shows bending times. It can also process sheet metal bending test after using sheet clamping device.

TECHNICAL SPECIFICATIONS

| MODEL | KASON-BT-10 |
|---------------------------|--------------|
| Sample Diameter(mm) | Φ1-Φ10 |
| Sample Length(mm) | 150-200 |
| Bending Angle | ±90° |
| Bending Speed (times/min) | ≤ 60 |
| Numeration Range(time) | 0-9999 |
| Motor Power | 1.5Kw |
| External Dimensions(mm) | 600×330×1000 |
| Tester Weight | 210 Kg |



KASON-TR-6 Metal Wire Torsion And Winding Test Machine

APPLICATION

Mainly used for repeated bending test of metal wire and testing performance and defect of bearing plastic deformation at the process of bending metal wire repeatedly. You can operate on digital display screen and it shows bending times. It can also process sheet metal bending test after using sheet clamping device.

TECHNICAL SPECIFICATIONS

| MODEL | KASON-TR-6 |
|--|------------------|
| Sample Diameter(mm) | Φ1-Φ6 |
| Max distance between two chucks(mm) | 500 |
| Effective working length of mandrel (mm) | 100 |
| Winding speed (rpm) | 15/20/30/60 |
| Motor Power | 1.5Kw,220V, 50Hz |
| External Dimensions(mm) | 1645×405×1025 |
| Tester Weight | 265 Kg |

