



NDT SERIES (2000-6000J)

Drop Weight Impact Testing Machine

Application

This type of machine is specially for conducting drop-weight test to determine nil-ductility transition temperature of ferritic steels.

Standard

GB/T6803-86、ASTM E208-95A

- SIMENS PLC controls and touch screen provide high reliability and versatility.
- Automatic specimen feeding and automatic posting.
- Frame structure is made of solid steel plate with high stability under impact.
- Special design tools for support change.
- Tup body is made of high strength steel plate with high impact resistance.
- Use chain to lift striker with high precision in height.
- Self-lock design for striker clamping. Full-closed safety shield.



Specifications

Model	NDT-2000	NDT-3000	NDT-4000	NDT-6000
Maximum Energy(J)	2000	3000	4000	6000
Minimum Energy(J)	300	300	500	750
Maximum Tup Mass(kg)	60	90	120	204
Tup Mass Accuracy	± 1%			
Drop Height(mm)	750~3400		750~3000	
Velocity Of Drop(m/s)	3.8~7.6			
Hammer Lifting Speed(m/min)	3			
Height Resolution	0.1			
Height Accuracy(mm)	≤± 10			
Hardness Of Tup Nose	HRC58-62			
Radius Of Tup Nose(mm)	R25.4± 2.5			
Sample Centered Error(mm)	± 1			
Support Anvil Span	P-1、 P-2、 P-3			
Specimen Dimension	P-1:(360± 1)× (90± 2)× (25± 2.5)P-2:(130± 1)× (50± 1)× (20± 1) P-3:(130± 1)× (50± 1)× (16± 0.5)			
Power Supply	380v± 10%,50/60Hz			