

NDT Series Drop Weight Impact Testing Machine(2000J~6000J)



Picture is for reference only

Functions

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

Standards: GB/T 6803, ASTM E208

Main Technical Parameters:

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	$\pm 1\%$			
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)	$\leq \pm 10$
Hardness Of Tup Nose	HRC58-62
Radius Of Tup Nose(mm)	R25.4 $\pm$ 2.5
Sample Centered Error(mm)	± 1
Support Anvil Span	P-1、P-2、P-3
Specimen Dimension	P-1:(360 $\pm$ 1) $\times$ (90 $\pm$ 2) $\times$ (25 $\pm$ 2.5)P-2:(130 $\pm$ 1) $\times$ (50 $\pm$ 1) $\times$ (20 $\pm$ 1)P-3:(130 $\pm$ 1) $\times$ (50 $\pm$ 1) $\times$ (16 $\pm$ 0.5)
Power Supply	380v $\pm$ 10%,50/60Hz