

## DIT-A Series Drop Weight Impact Testing Machine (Plastic pipe)



Model : DIT302A

Maximum impact energy : 300J

Functions:

This series Drop Weight Impact Testing Machine is designed to test impact resistance performance for thermoplastic pipes

Features:

1. Automatic locking for second impact
2. Automatically locate the striking zero point
3. Automatic lift the tup to the preset height
4. Crosshead movement to adjust the test space
5. PLCS controls for drop height location with high stability and high accuracy
6. Smooth column for guiding to ensure precise striking point with small resistance
7. Safety enclosure to protect from broken specimens

Standards:

GB/T 14152, GB/T 10002.1, GB/T 6112 , ISO 3127, ISO 4422.1, ASTM D2444

Parameters

1. Maximum impact energy : 300J
2. Maximum impact height : 2m
3. Maximum pipe diameter  
DIT302A-A:  $\Phi$ 400 mm  
DIT302A-B:  $\Phi$ 630 mm  
DIT302A-C:  $\Phi$ 1200 mm  
DIT302A-D:  $\Phi$ 1600 mm
4. Tup nose radius: D25 (SR50) 、 D90 (SR50)
5. Dimension (length x width x height) :  
DIT302A-A 600mm x 500mm x 3200mm  
DIT302A-B 850mm x 500mm x 3500mm  
DIT302A-C 1700mm x 1000mm x 4400mm  
DIT302A-D 2000mm x 1000mm x 5220mm

## DIT-B Series Drop Weight Impact Testing Machine (NDT test)



Model: DIT203B, DIT303B, DIT603B

Maximum impact energy : 2000J, 3000J, 6000J

Functions:

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

Features:

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

## DIT-C Series Drop Weight Impact Testing Machine (DWTT)



Model: DIT204C, DIT304C, DIT404C, DIT504C, DIT804C, DIT105C

Maximum impact energy : 20000J, 30000J, 40000J, 50000J, 80000J, 100000J

Functions:

This type of machine is specially for drop-weight tear tests (DWTT) of ferritic steels

Features:

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