



Maximum impact energy: 300J

Standards

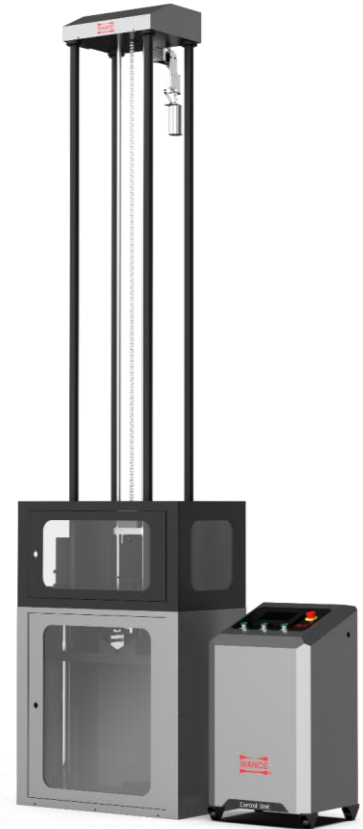
ISO 3127, ISO 4422,
 BS EN 12608, BS EN 744, BS 2782-11: method 1108C
 ASTM D2444,
 GB/T 14152, GB/T 10002.1, GB/T 8814, GB/T 6112, GB/T 14153,
 GB/T 11548

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. PLC 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



Parameters

Model	DIT302			
Type	A-1	A-2	A-3	A-4
Maximum impact energy (J)	300			
Maximum impact height H (mm)	2000			
Maximum pipe diameter (mm)	Φ400	Φ630	Φ1200	Φ1600
Striker lifting speed (m/min)	8			
Height measurement accuracy (mm)	≤±10			
Distance between striking point and specimen center (mm)	≤±2.5			
Dimension A x B x C (LxWxH, mm)	600x 500x3200	880x520x3500	1700x1100x4400	2200x1100x5220
Control cabinet dimension (LxWxH, mm)	420X500x890			
Power supply	1-phase, 220V±10%, 50Hz, 300W		3-phase, 380V±10%, 50Hz, 1.2kW	
Weight (kg)	500	600	1000	1200

Standard configurations

Name	Description	Quantity
Main frame		1 set
Control system		1 set
Touch screen		1 set
Fixture	standard fixture is for pipe sample	1 set
Strikers type and weight	D25/S50: 0.25kg, 0.5kg, 1kg, 2kg, 4kg D90 / RS50: 0.5kg, 1.0kg, 3.2kg, 8.0kg	1 set
Additional mass	0.05kg, 0.25kg, 0.3kg, 0.35kg, 0.375kg, 0.4kg, 0.5kg, 0.8kg, 1.0kg, 1.3kg, 2.0kg, 2.5kg, 3.5kg	1 set

Combined striker with additional mass to satisfy different weight

D25 / R50	0.25kg, 0.5kg, 0.8kg, 1.0kg, 1.25kg, 1.5kg, 1.6kg, 2.0kg, 2.5kg, 3.2kg, 4.0kg, 5.0kg, 6.0kg, 8.0kg
D90 / R50	0.5kg, 0.8kg, 1.0kg, 1.25kg, 1.375kg, 1.5kg, 1.6kg, 2.0kg, 2.25kg, 2.5kg, 2.75kg, 3.2kg, 3.25kg, 3.75kg, 4.0kg, 5.0kg, 5.75kg, 6.3kg, 7.5kg, 8.0kg, 10.0kg, 12.5kg, 16.0kg

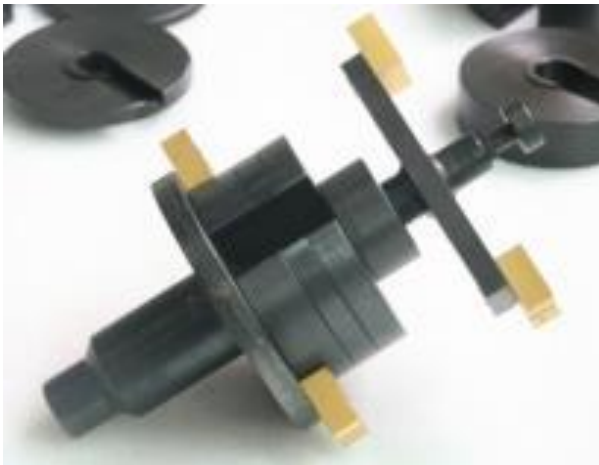
Basic Hammer



No.	Shape	Weight (kg)	QTY
1	D25/SR50	0.25	1
2	D25/SR50	0.5	1
3	D90/SR50	1.0	1
4	D90/SR50	3.2	1
5	D90/SR50	8.0	1
6	D25/SR50	1.0	1
7	D25/SR50	2.0	1
8	D25/SR50	4.0	1
9	D90/SR50	0.5	1

Weight sets

Mass (g)	QTY	Mass (g)	QTY
50	1	800	1
250	1	1000	1
300	1	1300	1
350	1	2000	1
375	1	2500	1
400	1	3500	1
500	1		



Basic Hammer equipped with weight sets to meet different impact energy



Test fixtures



Shenzhen Wance Testing Machine Co., Ltd.

Bldg.3, Yinjin Technology Industrial Park,

Fengjing South Road, Guangming, Shenzhen 518107, China

Tel: +86-755-23057996 Fax: +86-755-23057995

Email: sales@wance.net.cn

www.wance.net