

451 | Du Pont type Impact Tester



Model H-50



Model H-100

■ APPLICATION

The **Du Pont type Impact Tester** is widely used for measuring adhesive strength against impact of paint films (coatings) and for evaluating point impact strength of plastic sheets, etc. Test specimen is put on receive block, punch is placed on the specimen and impact is applied by dropping weight (various kinds) on the punch from an arbitrary height.

■ SPECIFICATIONS

Model	H-50	H-100	H-200
Application	Paint film	Plastics	
Falling height	Max. 500mm (50mm pitch)	Max. 1000mm (50mm pitch)	Max. 2000mm (50mm pitch)
Falling weight	<ul style="list-style-type: none"> ● 300g ● 500g ● 1000g 	<ul style="list-style-type: none"> ● 1000g ● 2000g 	
Impact head (Punch)	<ul style="list-style-type: none"> ● R1.59mm (R1/16") ● R3.18mm (R1/8") ● R4.76mm (R3/16") ● R6.35mm (R1/4") ● R12.7mm (R1/2") <p>Note: R12.7mm impact head is "steel ball" type Others are "machining" type</p>	<ul style="list-style-type: none"> ● R7.93mm (R5/16") <p>Note: Impact head for model H-100/H-200 is "machining" type</p>	
Receive block	<ul style="list-style-type: none"> ● R1.59mm (R1/16") / R3.18mm (R1/8") ● R4.76mm (R3/16") / R6.35mm (R1/4") ● Flat 	● R8.1mm / R15.2mm	
Dimensions	W460 x D300 x H760mm	W460 x D300 x H1260mm	W460 x D300 x 2260mm
Weight	Approx. 20kg	Approx. 25kg	Approx. 30kg
Related standards	JIS K 5600-5-3 (Testing methods for paints- Part 5: Mechanical property of film Section 3: Falling weight test)	ASTM D2794 (Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact))	

Specifications are subject to change without notice.



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20241105 MN (2023.5 JP)