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No. 451 Du Pont type Impact Tester



Model H-50



Model H-100

■ APPLICATION

Toyoseiki **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	Plastic	
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: Impact heads for model H-50 are "steel Ball" type</p>	<ul style="list-style-type: none"> ■ R7.9mm (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 	<ul style="list-style-type: none"> ■ 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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