

Impact Tester

BGD series **Impact Tester** produced by our company is in accordance with the specification in National Standards determination of paint film resistance to impact and the practical requirement of mechanical construction. The operation principle of the impact tester is by means of a weight that drops down from a specified height and impacts a painted panel under panel under test to result in its rapid deformation, and the film resistance to impact is then attained from observing the film to see if it cracks or peels off.



Ordering information → Technical Parameter ↓	BGD 302	BGD 304	BGD 305	BGD 306
Instrument scale length	0–50cm	0–100cm	0–100cm (40inch)	0–100cm (40inch)
Graduation	1cm	1cm	1cm	1cm
Mass of hammer	1Kg	1Kg	1000g (2 pcs) 300g (1 pc)	1000g (2 pcs) 2 lb (2 pcs)
Piercer specification	φ 8mm	φ 8mm	φ 12.7mm (1/2 inch) φ 15.9mm (5/8 inch)	φ 20mm φ 15.9mm (5/8 inch)
Notch diameter on the bolster block	φ 15mm	φ 15mm	φ 16.3mm φ 31.75mm	φ 27mm φ 16.3mm (41/64 inch)
Impact depth of piercer	2mm	2mm	2.5mm	2.5mm
Standard	GB/T 1732	GB/T 1732	ASDM D 2794 ISO 6272.2	ISO 6272.1