

# GBD-B Pendulum Impact Tester



## Function

The instrument is designed and manufactured according to the GB8809、ASTM D3420, applied to determine impact elasticity the film materials plastics, papers and rubber and the like tinsel materials and so on. Through the piercer of semi globe shape, the instrument impacts and breaks through the sample with certain ram speed so as to measure the consumptive energy of the piercer, and use this energy to estimate the energy value of pendulum impact resistance of the film sample.



## Technical Specification

Items	Technical Parameters
Maximum impact energy	3J
Dial minimum scale value	0.02J
Pendulum angle	90°
Pendulum swing radius	280mm
Impact speed	2.5m / s
The impact head size	Φ2.7mm
Sample holder size	Φ60mm, Φ90mm
Sample size	100mm×100mm



## Configuration

Main frame, a fixture



**Standards**

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ASTM D3420

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GB 8809