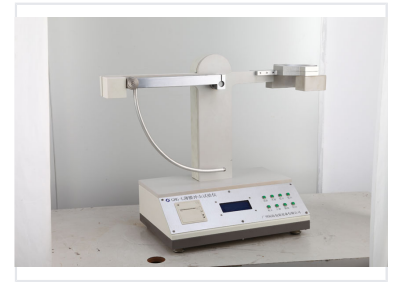


# Pendulum Impact Tester

This instrument uses a hemispherical piercer to impact and break through a sample at a specific speed. It measures the energy consumed during piercing to estimate the pendulum impact resistance of the material.



## Overview

### Precision Impact Testing

This instrument is designed to determine the impact resistance of film materials, including plastics, paper, and rubber. By utilizing a semi-globe shaped piercer, it measures the energy consumed during sample breakage, providing a reliable estimate of impact elasticity. This device is engineered to comply with GB880 standards, ensuring consistent and accurate results for quality control and material research applications.

## Technical Specifications

### Max Impact Energy

**3 J**

Max Impact Energy

Min Division Value	0.025 J
Pendulum Swing Angle	90 °
Swing Semi-diameter	280 mm
Ram Speed	2.5 m/s

## Sample Requirements

Piercer Size	12.7 mm
Sample Holder Diameter	60 mm
Required Sample Size	100 mm x 100 mm

## Compliance

Standards	GB880
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