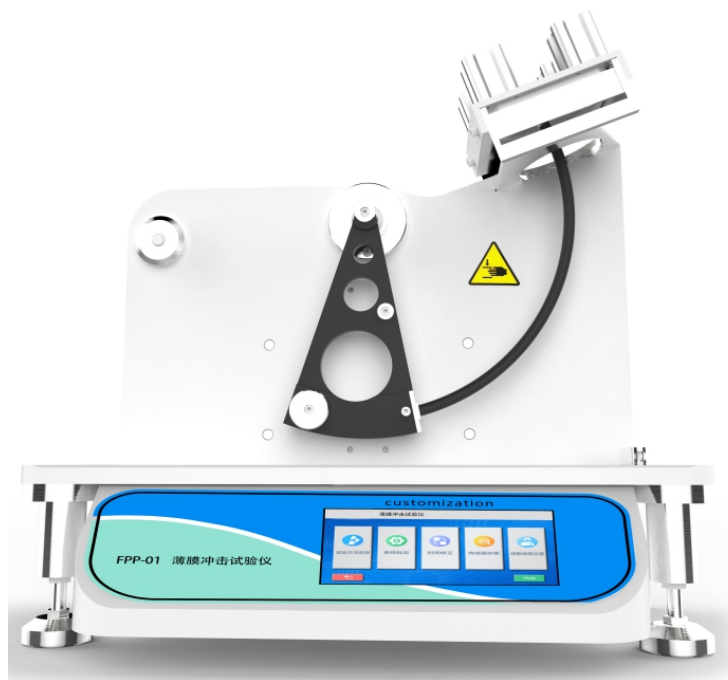


FPP-01 Film Pendulum Impact Tester

Brief Introduction

FPP-01 Film Pendulum Impact Tester is applicable to the determination of impact resistance properties of pendulum of plastic films, sheets, composite films, aluminum foils and other materials.



Technical Features

- ◆ 7 inch HD LCD, displaying test data and curves in real time
- ◆ Electronic measurement and adjustable range support various combinations of non-standard test conditions, test accuracy is up to 0.001J
- ◆ Pneumatic specimen clamping, pendulum release mechanism and horizontal adjustment system effectively reduce the errors caused by manual operation
- ◆ Provides automatic statistics of testing data
- ◆ Imported high-speed and high-precision chips guarantee the testing accuracy and efficiency
- ◆ Standard, modularized and systematic designs can meet personalized requirements of the users
- ◆ Key components and parts are supplied by world-brand manufacturers, which guarantee the stable and reliable performance of the instrument.
- ◆ Low energy consumption makes the instrument environment-friendly
- ◆ Equipped with standard RS232 port and micro-printer, which is convenient to PC connection and data transmission

Test Principle

Impact and break through the sample at a certain speed by the half round ball type punch to measure energy consumed by a punch to evaluate film pendulum impact energy value.

Applications

Basic Applications	plastic films, sheets and composite films
	aluminized films
	paper and paper board, e.g. aluminized paper for cigarette packages and Tetra Pak materials
Extended Applications	Test range could be extended to 5J

Technical Specifications

Item	FPP-01
Impact Energy	1 J, 2 J, 3 J (Standard), 5J (optional)
Resolution	0.001 J
Impact Head Size	Φ25.4 mm, Φ19 mm, Φ12.7 mm (Customization is available)
Specimen Diameter Clamp	Φ89 mm, Φ60 mm
Specimen Size	100 mm x 100 mm or Φ100 mm
Gas Supply Pressure	0.6MPa (Customers will need to prepare for gas supply)
Port Size	Φ6 mm PU Tubing
Power Supply	AC 220V 50Hz/120V 60Hz
Instrument Dimension	590mm(L)×400mm(W)×600mm(H)
Net Weight	64kg

Standards

ASTM D3420, GB/T 8809, NF T54-116

Configuration

Standard Configuration	Instrument, Pendulums of 1J, 2J and 3J, Standard Impact Heads of $\Phi 25.4\text{mm}$ and $\Phi 19\text{mm}$, Standard Clamp Plates of $\Phi 89\text{mm}$ and $\Phi 60\text{mm}$, O-ring ,Micro-printer
Optional Parts	Pendulum of 5J, Customized Impact Head, O-ring

Note: 1.The gas supply port of the instrument is $\Phi 6\text{ mm}$ PU Tubing;
2. Customers will need to prepare for gas supply.

Technical specifications are subject to change without further notice. Please visit our website at www.horizontester.com for latest information.