

## FPP-01 Film Pendulum Impact Tester

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

- A variety of impact ranges can be selected, the maximum extended impact energy can reach 5J
- Electronic measurement easily and accurately realizes tests under various test conditions
- Pneumatic specimen clamping, pendulum release mechanism and horizontal adjustment system effectively reduce the errors caused by manual operation
- The system provides automatic statistics of testing data for users' convenient viewing
- 7-inch HD color touch screen, the system adopts microcomputer control, which is convenient for users to quickly conduct test operations and data viewing
- Built-in micro printer, can print data automatically
- 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.

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## Applications

<b>Basic Application</b>	Film	plastic films, sheets, composite films and aluminized films
	Paper/ Paper board	paper and paper board, e.g. aluminized paper for cigarette packages and Tetra Pak materials

## Technical Specifications

Specifications	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)
Specimen Clamp Diameter	Φ89 mm, Φ60 mm
Specimen Size	100 mm x 100 mm or Φ100 mm
Gas Supply Pressure	0.6MPa (Prepared by user)
Port Size	Φ6 mm PU Tubing
Power Supply	AC 220V 50Hz/120V 60Hz
Instrument Dimension	600mm(L)×390mm(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 Φ25.4mm and Φ19mm, Standard Clamp Plates of Φ89mm and Φ60mm, O-ring, Micro-printer

**Optional configuration:** Pendulum of 5J, Customized Impact Head, O-ring, Professional software, Communication cable

Note:

1. The gas supply port of the instrument is Φ6 mm PU Tubing;
  2. Customers will need to prepare for gas supply.
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