



## › Falling Dart Impact Tester for Films

7" Touch Monitor	Thermal Printer	USB Data Out		<b>Standards</b>
				ISO 7765-1-1988
				ASTM D1709

### › Description

Before starting the test, choose test method, and estimate an initial mass and  $\Delta m$ . Start the test. If the first specimen fails, decrease the mass of the falling dart by  $\Delta m$ . If the first specimen is not a failure, increase the mass of the falling dart by  $\Delta m$ . Continue the test according to this rule. In brief, increase or decrease by  $\Delta m$  according to whether the former specimen is a failure or not. After 20 specimens, calculate the total number of failed specimens N. If N equals to 10, the test is over. If N is less than 10, add specimens and continue to test until N equals to 10. If N is greater than 10, add specimen and continue the test until the number of non-failure specimens reaches 10. Then the tester calculates the test results automatically according to specific formulas.

### › Specifications

Specifications	FDI-03
Test Method	Method A or Method B is optional
Test Range	Method A: 50 ~2000 g (weights on request) Method B: 300 ~2000 g (weights on request)
Accuracy	0.1 g (0.1J)
Specimen Clamp	Pneumatic Clamp
Gas Supply Pressure	0.6 MPa (outside of supply scope)
Port Size	Φ6 mm
Specimen Size	>150 mm x 150 mm
Power Supply	220VAC 50Hz / 120VAC 60Hz
Net Weight	70 kg
Instrument Dimension	Method A: 500 mm (L) x 450 mm (W) x 1320 mm (H) Method B: 500 mm (L) x 450 mm (W) x 2160 mm (H)
Standard Configurations	Method A Accessories, Touch Screen and Micro Printer Method B Accessories
Note	1. The air supply port of this instrument is Φ6 mm ; 2. Customers will need to prepare for compressed air supply.

● included    ○ available/optional

