

Digital Impact Tester (Charpy, Izod Dual Type Impact Tester for Plastic)





Easy

Digital Indicator



Efficient

Software/Printer



Economic

IZOD & CHARPY Test



Environmental

Environmental Chamber

Application

- Plastic, Aluminum, Glass

Feature

- Designed to measure the impact of plastic, aluminum, glass etc., this is the equipment that measures and records intrinsic impact and stress of a test piece automatically by giving a shock with regulated energy and measuring the size of absorbed energy after making a standard test piece as a notch with a definite depth in accordance with standards such as ASTM, ISO, JIS, KS etc.
- Impact Tester that obtained CE certification for the first time in Korea
- I-ZOD & CHARPY Dual Impact Tester
- Unitary transformation function and automatic calculation of impact value
- Measurement of low and high-temperature impact by environment chamber
- Applied User Guide Map function for the first time in Korea (Function to provide user with test guidance)
- Graph & Data Report printing function
- Auto Calibration & Auto Memory function
- Software & Standard Deviation measurement

Technical Specification

Model	ST-110CI	
Type	IZOD	CHARPY
Pendulum Weight	60Kgf	100Kgf
Angle of Hammer	130	
Angle Accuracy	0,01	
Display	5.7" LCD Digital Display	
Standard	ASTM D256,D6110, JIS K7110, ISO 179 180/294	
Dimensions	450W x 400D x 590Hmm, 55Kg	

Standard

- ASTM, ISO, JIS, KS

IZOD Impact Tester



Application

- Hard plastic

Feature

- IZOD Impact Tester is equipment to measure impact which is a criterion of toughness and brittleness of materials against impact.
- As an impact tester manufactured by the ISO 180 (KS M 3055) plastic IZOD impact measurement method, this is equipment that measures property of materials such as impact resistance, brittleness etc., by measuring absorbed energy of a test piece by giving a physical shock to the standard test piece.

Standard

- ISO 180, ASTM D 256, KS M 3055

Technical Specification

Model	ST-120	ST-120A
Display	Analog	LCD Digital Indicator
Potential Energy	30kgf.cm (2,94J) / 60kgf.cm (5,88J)	30kgf.cm (2,94J) / 60kgf.cm (5,88J)
Hammer Weight	0,491kg	
Lifting Angle	150 °	
Shape of Edge	R=0,8mm,75 °	
Impact Speed	3,5 m/sec	
Falling Distance	610mm	
Span between sample supports	22mm	
Dimensions	480W × 300D × 720H (mm)	
Weight	40kg	