



› Pendulum Impact Tester

Integrated touch display (optional)	Data export to PC		
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Standards	
ASTM D256	ASTM D6110
ISO 179	
ISO 180	

› Description

Impact testing is used to determine material behavior at higher deformation speeds. AHP offers a wide range of pendulum Charpy/Izod impact testers for tests according to the relevant test standards. These pendulum Izod/Charpy impact testers cover a range from 0.5 Joules to 50 Joules for plastics testing. These are available with digital touch displays and with a range of different options especially made for your tests (e.g. tensile impact tests for UPVC profiles, ...).

› Specifications

Energy	J	5.5J, 11J, 22J (Izod Testing) 7.5J, 15J, 25J, 50J (Charpy Testing)
Span of Charpy	mm	62
Izod testing Impact Speed	m/s	3.5
Radius of striking edge	mm	0.8±0.2
Location of striking edge above top surface of support		22±0.05
Notch A		45°±1° Radius of the notch bottom R=0.25±0.05mm
Notch B		45°±1° Radius of the notch bottom R=1±0.05mm
Charpy testing Impact Speed	m/s	3.8
Radius of striking edge	mm	2±0.5
Angle of striking edge		30°±1°
Notch A		45°±1° Radius of the notch bottom R=0.25±0.05mm
Notch B		45°±1° Radius of the notch bottom R=1±0.05mm
Notch C		45°±1° Radius of the notch bottom R=0.10±0.02mm
Gross Weight	Kg	100
Voltage data		230 V, 50 Hz

● included ○ available/optional

