40-800 PENDULUM IMPACT TESTER

STANDARDS

CHARPY *ISO 179-1, ASTM D6110 /* ***DYNSTAT*** *DIN 53 435, ASTM* D4508 / ***IZOD*** *ISO 180, ASTM D256 /* ***Tensile*** *ISO 8256, ASTM D1822*

APPLICATION

Modular Pendulum for impact tests on plastics

PROPERTIES

Modular design
- application-based configuration
- simple and precise changed of set-up
- optional optical pendulum detection

Massive steel frame
- high impact energies up to 50 Joule
- stable, low vibration stand

Electric brake
- free and stepless choice of starting angle
- safe braking point either in angle of climb or starting angle

WIN-Software
- clear, intuitive and included with main device
- complete raw data output and LIMS connection possible

CHARPY

IZOD

TENSILE

OPTIONS

Partial safety housing / practical test execution for energies ≤5.5 J
Full safety housing / maximal safety at high impact energies
Optical pendulum detection / quick, faultless pendulum change
Pneumatic sample fixture/ simple and precise sample positioning
Motoric pendulum reset / ergonomics at high pendulum masses
Automatic sample feeder / labour-saving serial testing

TECHNICAL DATA

Impact energy	0.5 to 50 Joule
Impact speed	0 to 3.8 m/s
Angle resolution	0.0225 °
Dimensions	1.070 x 431 x 1.078 mm (WxDxH)
Weight	350 kg
Mains	230 V 50/60 Hz
Air	optional