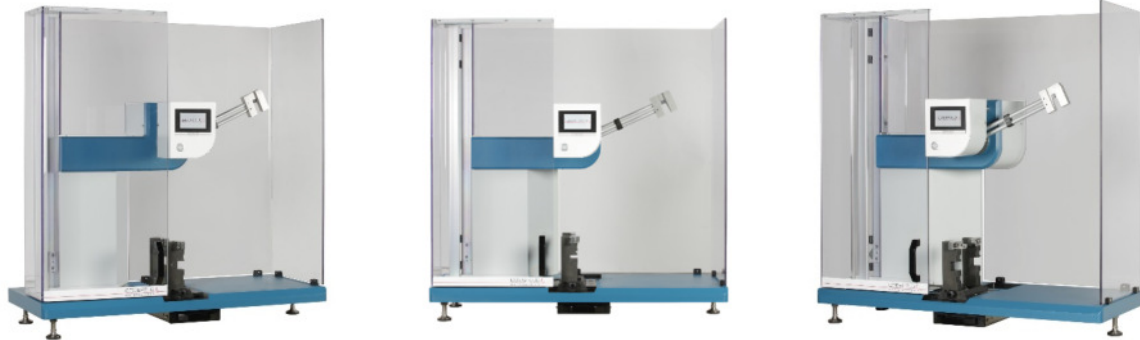




## 40-800 PENDULUM IMPACT TESTER

### 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

**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