

Model no. H3018

PENDULUM IMPACT TESTER



According to

ISO 179

ISO 180

ISO 8256-A

DIN 53435

ASTM D 256

ASTM D 4812

ASTM D 6110

The pendulum impact tester is capable of handling the full range of polymer impact testing Charpy, Izod, Impact test and Dynstat in accordance with ISO and ASTM standards. Optionally, the machine can be equipped with automatic pendulum retrieval and test piece loading. As standard, the pendulum impact tester are PC-controlled. The corresponding software offers convenient, intuitive measurement parameterization, execution and analysis. At the same time, the optional touch panel can be used to perform impact testing and also offers an immediate overview of the test sequence. The impact energy and all relevant standard results are displayed and saved directly after each impact test. The results can be used further in the finished report format in the complete raw data export.

MODULAR DESIGN

- > needs-based configuration
- > test setup can be changed easily and precisely
- > optional optical pendulum recognition

SOLID STEEL FRAME

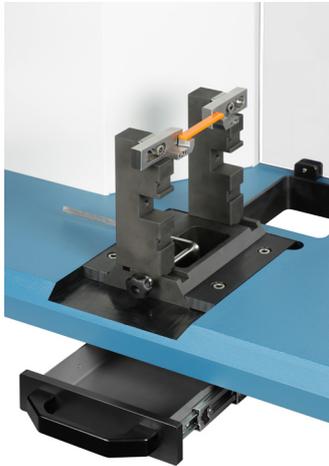
- > high impact energy of up to 50 Joules
- > stable, low-vibration stand

ELECTRIC BRAKE

- > free, infinitely adjustable starting angle
- > secure braking point can be selected in the ascent or starting angle

SOFTWARE

- > user-friendly, intuitive and included in the machine scope
- > full export of raw data and LIMS connection possible



CHARPY

ISO 179-1

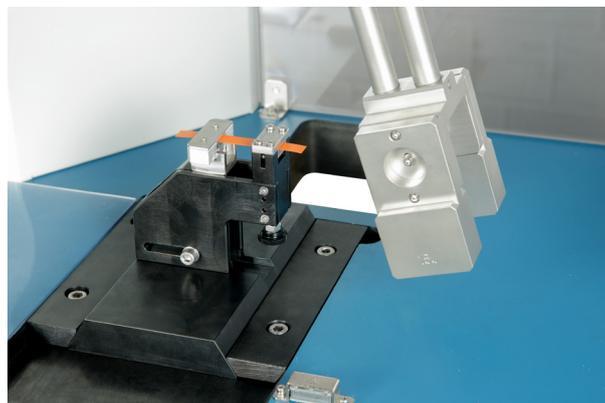
ASTM D6110



IZOD

ISO 180

ASTM D256



IMPACT DEVICE

ISO 8256-A

PENDELUM IMPACT TESTER



VERSION

Potential energy	J	0.2 to 50
Impact speed	m/s	0 to 3.8
Device resolution	in °	0.0225
Automatic fall triggering		✓
Automatic brake function		✓
Speed measurement		✓
Automatic pendulum recognition		✓
PC connection and software		✓
Integrated specimen measurement		+
Temperature control of external cooling box		*
Notch milling machine		*
Automatic specimen feeding		+
Automatic pendulum retrieval		+
Partial enclosure		+
Full enclosure		+
Optical pendulum recognition		+
Pneumatic specimen fixing		+
Motorized pendulum return		+
Weight	kg	300
Dimensions(W x H x L)	mm	1,070 x 1,078 x 431
Voltage data		230 V, 50/ 60 Hz, 2 kVA * other voltages
CE conformity		✓

✓ included

+ available/optional

○ eligible

– not available

* available upon request