

# Impact Tester

## Pendulum Impact Tester Type IMPact 5.5 / 15 (25)

The microprocessor-controlled pendulum impact testing machines IMP 5.5 and IMP 15 (25) serve the impact strength resulting from an impact at standardized specimens made of plastics. These devices are to be accomplished suitably around examinations in accordance with the following standards:

- EN ISO 179 and 180
- ASTM D 256 method A and B
- ISO 8256 and others.

For the impact determination according IZOD, Charpy and Tensile Impact at different materials with different sample dimensions in the energy range from 0,5 to 5.5 J (IMPact 5.5), as well as from 0,5 to 15 J (25 J) (IMPact 15). Various sample supports and clamping devices for different specimen types are available.

### Printer/ PC connection:

Over an attached printer a report with statistic evaluation as well as a calibration report can be printed. A further serial interface permits the connection of a PC's using our k-BASE WINDOWS® - software.

Standard device including automatic impact pendulum brake!



### Features:

- Full hammers range, from 0.5 J to 5.5 / 15 (25) J for charpy, izod and tensile impact testes
- Microprocessor with keypad and LCD-Display (4 different languages available)
- Serial and parallel outputs for PC and printer (not included)
- Automatic hammer brake
- Built-in centering system for charpy specimens
- Direct reading of absorbed energy and resilience, ascent angle, real energy and speed at the impact
- Auto-test of main functions when switching on
- Control of hammer calibration
- Printout of hammer calibration report
- Storage (first-in first-out) and printout up to 50 tests, with average and standard deviation calculations
- User friendly and „all included“ Window Software k-BASE for the control and evaluation, including statistic



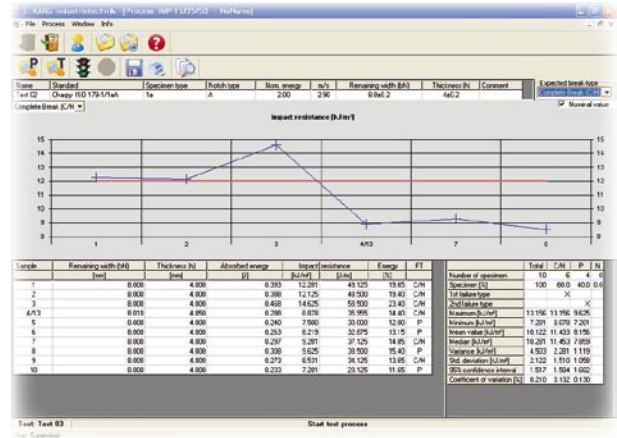
Izod-Vice



Charpy-Vice

## Options:

- **k-BASE Software:** provides enhanced capabilities and enables the test data to be displayed graphically, to store results and curve data for a series of measurements, incl. statistics
- **Different fixtures / clamping devices:** Charpy, Izod, Tensile Impact
- **Notching Machines:** Manual or motorized version available
- **Specimen measuring device:** external device to read the thickness and width of the tested specimens; can be implemented in the k-BASE Software



## Technical data:

	IMPact 5.5	IMPact 15 (25)
<b>Dimension</b>		
Width (mm)	800	800
Height (mm)	1000	1000
Depth (mm)	400	400
<b>Characteristics</b>		
Energy range (J)	0 ... 5.5	0 ... 15 (25)
Display	LCD	LCD
Power consumption (W)	200	200
Power supply (V/Hz)	230 / 50	230 / 50
Weight (kg)	240	240
Data port	RS 232 / Centronics	RS 232 / Centronics