

Labor Tech

Pendulum Impact Tester
Instrumented
Pendulum Impact Tester
Drop Weight Testers

20 years
reliable
and comprehensive
services

**PRODUCT
PORTFOLIO**

Drop Weight Testers

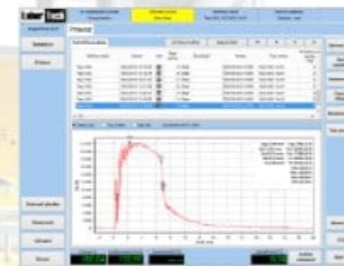
Description and use

Drop weight testers of the line DP manufactured by LABORTECH are designed for tests where a falling weight from a specifically defined height and with defined mass fractures plastic, metal or other specimens. Our unique software DROTest records several parameters, which include: immediate impact force, trajectory, energy, speed, temperature monitoring etc. Our machines are also used for testing fibre composites, glass, and components used in the automotive industry. We produce both standard drop weight testers and drop weight testers directly tailored with different impact energies of up to 100kJ and impact velocity up to 20 m/s.

What can be tested and how

The drop weight testers of the line DP can perform:

- standard tensile or compression impact tests according all common EN, ASTM, ISO, DIN and GOST standards.
- atypical tests – according used fixtures and specimens
- tests according to Charpy, Izod, Dynstat, Brugger etc.



Accessories

LABORTECH offers a wide range of accessories for the drop weight testers, including special testing thorns and fixtures, T-groove plates, furnaces and temperature chambers, multichannel scanning of values, an axial and robotic inserting system BLUE RUNNER etc.



... from development to implementation