

Material testing MTP

Destructive test methods

You want to be sure that the materials you use meet the requirements for the corresponding application. With us you get everything from one source. We have complex and modern machinery at our disposal, from sample production to testing. The manufactured samples are tested according to the currently valid standards.

Tensile and compression tests

- Machines up to 150kN, 250kN and 600kN
- Temperatures from -196°C, -80°C to +250°C and hot tensile tests up to +1000°C
- Tensile tests according to DIN EN ISO 6892-1 and 2 with hydraulic clamping device
- E-modulus measurements
- adhesive tensile tests according to various standards
- Wire drawing tests and pipe tests
- Tensile tests on screws up to 600kN breaking force
- Various materials and components testable
- Complete "in-house" sample preparation



Wire drawing test

Notched bar impact tests

- Machines with 15J, 50J and 450J
- Temperatures from -269°C, -196°C, and -80°C to +250°C
- Sample types ISO V, Charpy V, DVM
- Smallest samples KLST, DVMK

Hardness tests

- Most modern testing machines up to 250kg
- Testing according to Vickers, Brinell, Rockwell and mobile according to leeb (rebound method)
- Various materials testable



Notched bar impact test

Chemical analysis

- Determination of the chemical composition of steels by spectral analysis
- Confusion check
- Also mobile applicable



Mix-up test (PMI)

Delivery time

Depending on the type and scope of the tests carried out or the necessary test duration. Usually within a few working days or even hours.

