



**FORM+TEST<sup>®</sup>**  
**PRÜFSYSTEME**

## Servo-hydraulic test systems

Intelligent solutions  
for universal testing  
equipment





## Quality management

For many years we have fulfilled the quality standards in compliance with ISO 9001. In addition to this we have defined much stricter standards for ourselves. Being manufacturers of testing machines for the quality assurance we take this as a matter of course.

Our achievements in this area:

- multiple testing of single components
- extensive final inspection
- reliable delivery.

Consequently we can guarantee our customers' 100 percent satisfaction.



■ Testing of roughness



■ Calibrating



■ Hardness test

## Additional services

- development for the continual increase of product efficiency
- consultancy by trained marketing personnel or qualified technicians
- a wide range of accessories which embraces extensive application software, chucking implements, tooling and strain sensors
- DKD calibration on material testing machines in the pressure range up to 10 MN on customers site
- initial operation including unpacking, assembling, testing after delivery of the machine
- training in practical use for operating the machine and software

## Service

- hotline
- repairs in the shortest possible time in order to minimize fault time
- service to maintain value via special maintenance contracts
- extensive store of spare parts
- modernizing all hydraulic testing machines of any manufacturer with diverse variants





**Complete test systems  
all from one source**

For more than 50 years  
FORM+TEST have been leading  
in material test systems for  
assessing the mechanical and  
physical properties of compo-  
nents and materials.

Due to the new and further development  
of our products we fulfil the high de-  
mands in the sphere of test technology.

Maximum precision in the production  
of mechanical components, a high-  
quality measuring and controlling elec-  
tronic as well as a test software for  
use with all applications guarantee  
the high quality standard which marks  
FORM+TEST products.



**1** Testing building materials



**2** Testing for removing dowels

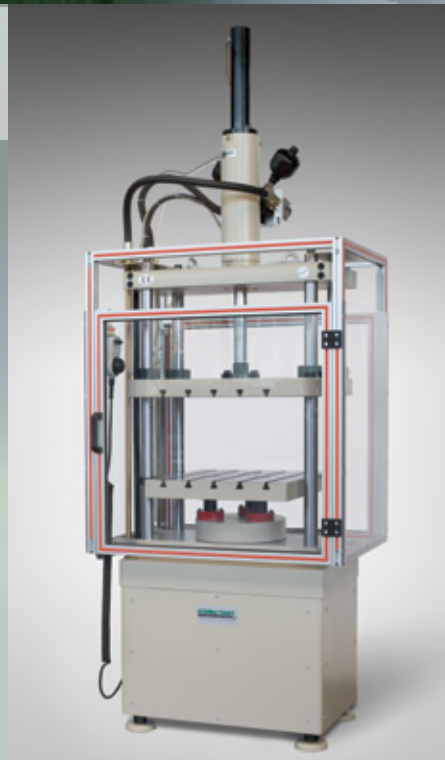


**3**

## Some of our products



4 Universal material testing



5 Universal component testing



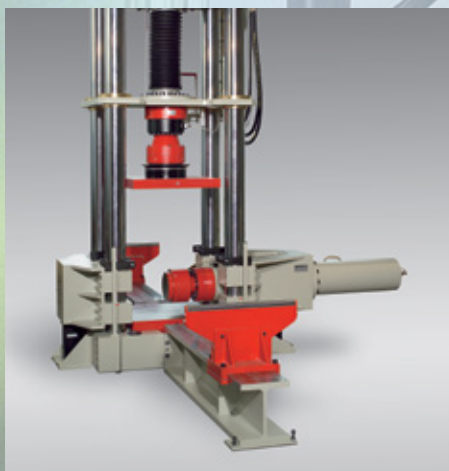
6 Dynamic testing



7 Oil supply for servo-hydraulic test systems



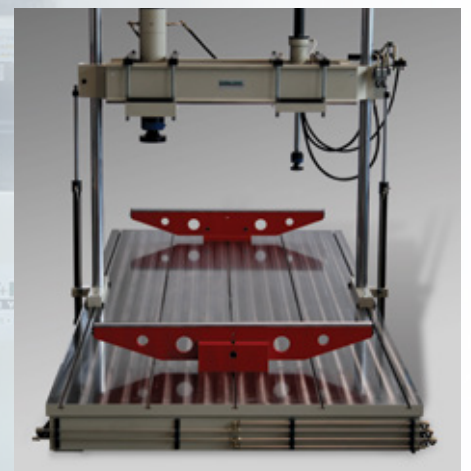
8 Compression test machine for rock samples



9 Axial and horizontal testing



10 Calibration of force transducers



11 General component testing



## Professional partners in material testing and special applications

Based on more than 12,000 test machines already supplied we are in a position to realize customer-specific special solutions.

Our product programme comprises:



12 Glasprüfung

### Compression, bending and tension testing machines

Servo-hydraulic solutions for the static testing with various test strength ranges between 1 kN - 10MN

Testing concrete, metal, wood and composites.

### Testing machines in compliance with international testing standards

Testing conforming to standards with exact reproducibility. So the results are reliable and comparable.

### Test systems according to the application

Depending on the area of application the components in the modular system can be matched to the application according to the module. Various product lines give every customer the opportunity to configure his equipment specially for his own specific, intended use in order to obtain reproducible measuring results.

### Universal testing machines

Hydraulic test systems for the universal material testing in almost all areas of industry.

### Special testing systems

Special solutions in accordance with the customers performance specifications, in alignment with design and manufacture of the components according to the stipulations on dimensions of samples, treatment and erection requirements.

### Single components

Modular system for equipping and modernizing existing plants or those from other manufacturers.

The production ranges from test cylinders and hydraulic aggregates up to measuring sensors, testing software and tooling.



13 Druck- und Biegeversuche an Metallproben

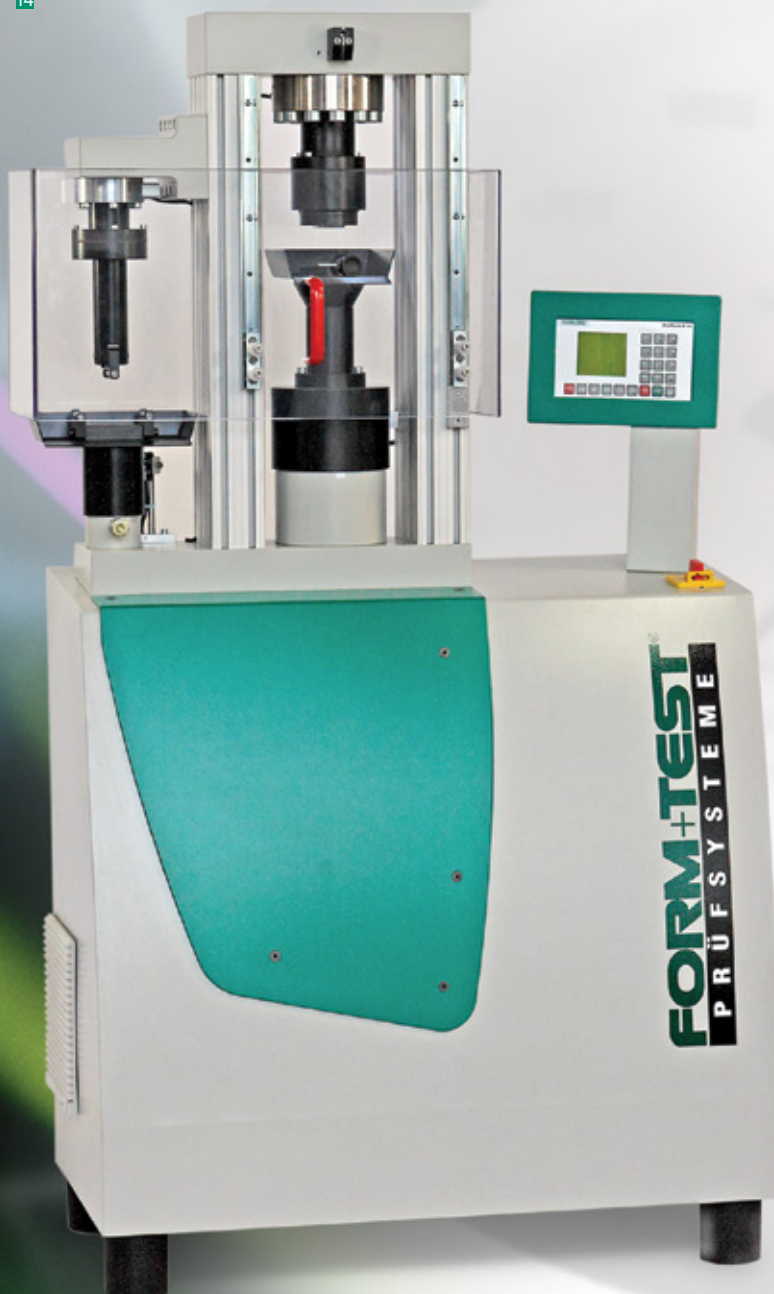
## Chronological development

### taking the example of a compression testing machine

Over the past decades step by step we have brought our systems into line with the requirements of our customers. Today we can therefore draw from

- many years experience and know-how in testing materials
- high flexibility due to direct access to quick answers
- design and manufacture of products in close cooperation with our customers

14



2007



1970

1975

1980

1985

1990



## Ahead of time

Many years of experience in mechanical and control engineering linked with the close cooperation with research and test laboratories make our products particularly user-friendly and effective.

Due to the continual further development and the feedback from our customers our products are always in line with the current market requirements and for this reason are ahead of the general technical development.

It goes without saying that our test systems fulfil not only the present safety standards of the EU guidelines **CE** but what is more also guarantee a high degree of operating safety due to the standards we set ourselves.



15 bending testing



16 dynamic testing



17 axial and horizontal testing



18 drive and control unit



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