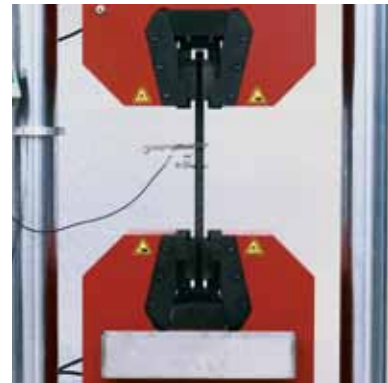
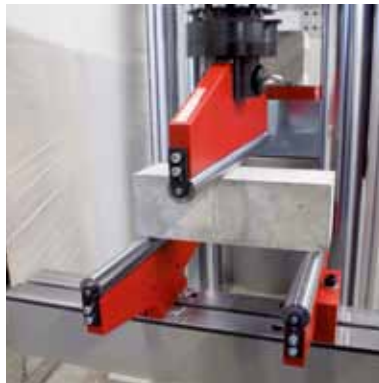


Combined Universal Steel and Concrete Testing in one Compact Testing System

Compact combination of 3 different testing machines. Only one control console is needed for the alternating testing in each machine. Specially designed for universal use in laboratories.

Standards and Tests

- **Compression Tests** 3000 kN
EN 12390-4, ASTM C39
on Concrete Cylinders and Cubes
- **Bending Tests** 300 kN
EN 12390-5, ASTM C78, C293
on Concrete Beams
- **Tensile Tests** 600 kN
ISO 6892-1, ISO 10002-1,
ASTM A370-09
on Metallic Specimens
e.g. Rebars, other Flat and Round
Specimens



System Components

- Combined concrete compression and bending testing machine
Type DB 3000 / 300 kN
- Static Tensile Testing Machine
Type TTM® 600 kN with
hydraulic wedge grips
Type WG-H 600 kN
- 19" Standard Control Console
Type NS 19 - PA
- Concrete extensometer
Type BD 25 / 50
- Tensile clip-on extensometer
Type MFA 25 / 12

Control and Evaluation

- Servo-controlled test procedure in closed loop mode in connection with servovalve and digital controller **DIGICON 2000**
- PC running building material testing software **PROTEUS** for automatic test control, data acquisition, evaluation and print out of test reports.
- Hydraulic power pack
Type PAC 5.5 ltr. / min.
- All compactly integrated in the 19" control console for the control of all 3 testing machines



w+b