



## Compression-flexure testing machine for cement and mortar

### TESTING

#### BLUHM & FEUERHERDT GMBH

Founded in 1978, TESTING from its 3,000 m<sup>2</sup> headquarters today supplies testing for construction materials on all continents.

TESTING offers its customers an extensive product portfolio of building material testing systems and machines as well as complete laboratory equipment, that satisfies all requirements and wishes.

“Made in Germany” stands for the outstanding quality delivered by TESTING.

Since 1996, TESTING has been certified in accordance with DIN EN ISO 9001 and since 2015, accredited as per DIN EN ISO/IEC 17025:2005.

#### MACHINE DATA

- Compression-flexure testing machine;  
compression force: 100-600 kN,  
flexural force: 5-50 kN (others on request);  
Servo-controlled
- Accuracy class 1 DIN EN ISO 7500-1
  - Test frame and control console are mounted on the one worktop cabinet
  - Test frame up to 600/50 kN;
  - 4 column frames
  - Controller Doli EDC 222/580 fully-automatic tests and pre-set loading rate, provides for force and displacement regulated tests;
  - Modulus of elasticity testing for prisms
  - Reading the measured data incl. automatic break detection
  - Pressure control by servo valve type Moog, 20 l/min (closed loop controlled)
  - Quick release valve for faster piston return
  - Efficient radial piston pump, oil tank ca. 17 litres incl. safety-, regulation-, control- and direction control valve
  - Pressure plates e.g. Ø 165 mm, hardness 58-62 HRC, electric piston stroke limitation
  - Piston stroke 50 mm

#### SELECTED CUSTOMERS

- 2017 Germany, Hamburg TPH Bausysteme GmbH
- 2017 Germany - Betonwerk Pfullendorf GmbH & Co. KG
- 2017 Germany, Sudholt-Wasemann GmbH
- 2017 UAE, Dubai BASF AG
- 2017 Turkey, Istanbul Wacker Chemie AG
- 2017 Indonesia Wacker Chemie AG
- 2016 Germany University of Stuttgart
- 2016 Germany Federation of the German Lime Industry e.V.
- 2016 Germany Bochum University of Applied Science
- 2016 Germany Osnabrück University of Applied Sciences
- 2016 Kazakhstan Wacker Chemie AG
- 2016 South Africa Wacker Chemie AG
- 2015 Germany MultiGips/ VG-ORTH GmbH & Co. KG
- 2015 Singapore Techny Pte Ltd
- 2014 Russia, Moskau BASF AG