



Compression / flexure testing machine 3000/150 kN

TESTING

BLUHM & FEUERHERDT GMBH

Founded in 1978, TESTING from its 3,000 m² 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 3000/150 kN EN 12390, EN 1339, EN 1340, ASTM C39 servo-controlled

- Accuracy class 1 DIN EN ISO 7500-1
- Consisting of a test frame and a separate control unit
- Test frame up to 5000/300 kN
- 4 column frames
- The load frame is arranged for 3 and 4 point-bending tests (consisting of 2 lower roller support and one upper sword with roller)
- Controller Doli EDC 222/580 provides for force and displacement regulated tests
- 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 radialpiston pump, oil tank ca. 37 liter incl. safety-, regulation-, control- and direction control valve
- Pressure plate Ø 320 mm, test centering on the lower pressure plate, hardness 53 HRC, alternative rectangular pressure plates
- Distance between compression plates, compression testing machine 340 mm, flexure testing machine min. 200 mm

CUSTOMERS

- Niemeier Beton GmbH & Co. KG, Diepholz, Germany
- University Ruhr West, Mülheim, Germany
- Hering Bau GmbH, Burbach, Germany
- Betotech GmbH, Eppelheim, Germany
- Weiacher Kies AG, Weiach, Switzerland
- Toggenburger AG, Winterthur, Switzerland
- WISSBAU Consultative engineering company, Essen, Germany
- Profilbeton GmbH, Borken, Germany
- Lithonplus GmbH & Co. KG, Eggenstein, Germany
- Lithonplus GmbH & Co. KG, Glöthe, Germany
- Baustoffprüflabor Bautzen, Germany
- BASF Stroitelnye sistemy Moskau, Russia
- Pasco, Al Ain, United Arab Emirates
- EXOVA Admaterials, Singapore, Singapore
- EUROCEM Russia 13 Factory