



High performance compression testing machine 3000/4000/5000 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 testing machine 3000/ 4000/ 5000 kN; EN 12390, EN 1339, EN 1340, ASTM C39 and others servo-controlled

- Accuracy class 1 DIN EN ISO 7500-1
- Two-pieces, consisting of a test frame and a separate control unit
- Test frame up to 5000 kN
- 4 column frames
- 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 or 60 litres incl. safety-, regulation-, control- and direction control valve
- Pressure plates Ø 320-415 mm, test centering on the lower pressure plate, hardness 53 HRC, alternative rectangular pressure plates
- Distance between compression plates, compression testing machine 340-400 mm
- Piston stroke 50 - 200 mm

SELECTED CUSTOMERS

- 2017 Germany, Hamburg HafenCity University Hamburg High efficiency compression testing machine 5000 kN with Modulus of elasticity
- 2016 Germany, Stuttgart University of Stuttgart High efficiency compression testing machine 5000 kN with Modulus of elasticity
- 2016 Portugal, Porto Euromodal High efficiency compression testing machine 5000 kN with Modulus of elasticity
- 2015 Germany, Magdeburg Enercon High efficiency compression testing machine 4000 kN with Modulus of elasticity
- 2015 Austria, Vienna Enercon High efficiency compression testing machine 4000 kN with Modulus of elasticity
- 2015 France, Paris Enercon High efficiency compression testing machine 4000 kN with Modulus of elasticity
- 2015 UAE, Sharjah University of Sharjah High efficiency compression testing machine 3000 kN with Modulus of elasticity