



## Compression- and Bending testing machine MEGA 6-2000-200

- accuracy acc. to DIN EN ISO 7500-1, EN 12390-4, class 1 - Straintest execution
- for compression strength tests acc. to EN 12390-3, EN 12504-2
- for bending tests acc. to EN 12390-5, EN 1339, EN 1341
- with accessories also for curbstone tests acc. to EN 1338, EN 1340, EN 1343 as well as compression strengths on cement and mortar acc. to EN 196 / EN 1015
- separate drive station AS C 20 N-2, automatic load increase through digital controller DIGIMAXX<sup>®</sup> C-20 in closed loop system with permanent comparison of nominal value and actual value

### Technical dates – compression test

- test load max.: 2000 kN
- piston stroke: 100 mm
- upper compression plate: Ø 320 mm
- lower compression plate: Ø 300 mm
- hardness of compression plates: 53 HRC
- test chamber height: 340 mm
- clear distance of testing frame: 355x255 mm
- measuring range: 40.00 ... 2000 kN
- display range: 0 ... 2000 kN
- load measuring via electrical precision liquid pressure transducer

### Technical dates – bending test

- test load max.: 200 kN
- piston stroke: 220 mm
- test chamber height: 220 mm
- bending roller length: 510 mm
- bending roller Ø: 40 mm
- bending roller distance: 80 ... 900 mm
- measuring range: 2.00 ... 200 kN
- display range: 0 ... 200 kN
- load measuring via shear force wear-resistant electronic precision load cell

- voltage: 3x 400 Volt, 50 Hz, 1.5 kW
- weight: approx. 2310 kg



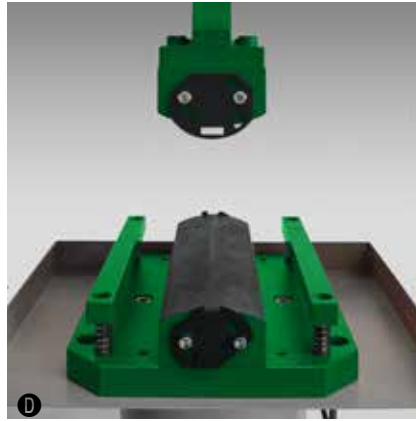
### Technical dates – digital display

- LCD-screen-display, 5 numbers
- resolution 60,000 digits
- automatic zero point correction
- programmable calculation of the strength of 30 different specimens as well as the corresponding standard speeds
- display of strength in N/mm<sup>2</sup> or Mpa
- adjustable display in kN, N, kg, kp, to or bar
- peak value memory and reset key
- code protected calibration / linearization
- serial interface RS 232 to recall the peak value



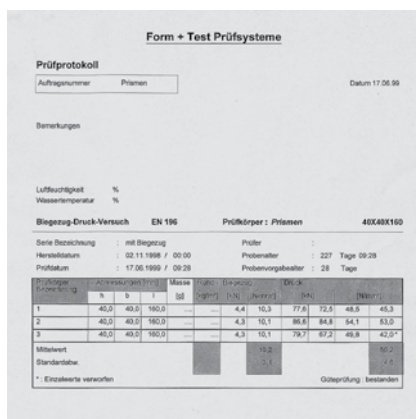
### Options:

- higher test chamber
- bigger compression plates  
dimensions 320 x 320 x 75 mm  
dimensions 320 x 420 x 75 mm  
dimensions 320 x 520 x 75 mm
- A insert for 4-point load
- pressure stamp for curbstones
- B set compression plates with pendulum axle
- C compression device DV 600 AZ only useable in connection with set compression plates
- D tensile splitting test application EN 1338
- E building material test software PROTEUS
- electronic displacement measuring and control equipment
- built in printer



### Available with following test loads:

- for compression test:  
200, 3000 and 4000 kN
- for bending test:  
100, 200 and 300 kN



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