

**Choose the Original
Choose Success!**



Bending / Flexure testing machine DELTA 6-100

- accuracy acc. to DIN EN ISO 7500-1, class 1
- for flexure strength tests on materials acc. EN 12390-5, EN 1339, EN 1343, EN 1344
- with options also acc. EN 1340 and for compression tests
- separate drive station AS-C20-N
- automatical load increase, control via digital controller DIGIMAXX[®] C-20 with servo valve in closed loop system with comparison of nominal value and actual value

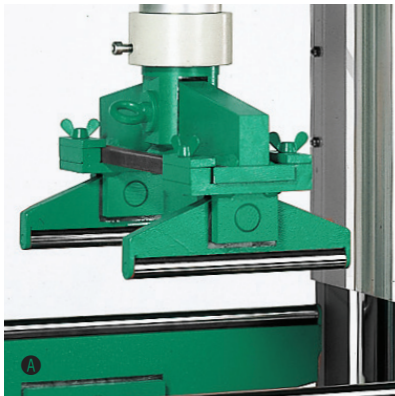
Technical dates - testing frame

- 3 columns frame
- rigid C-shaped test cylinder
- double acting test cylinder
- test load max. 100 kN
- working pressure max: 199 bar
- piston stroke: 220 mm
- test chamber height: 220 mm
- bending roller length: 510 mm
- bending roller Ø: 40 mm
- lower bending roller distance adjustable 80 .. 900 mm
- basic equipment includes the insert for 3-point load
- measuring range: 1.00 ... 100 kN
- display range: 0 ... 100 kN
- electronic load measuring by precision electronic load cell
- voltage: 3x 400 Volt, 50 Hz, 2.2 kW
- weight: appr. 770 kg
- available with following test loads for compression: 60 kN, 100 kN, 200 kN and 300 kN





Picture shows AS-C-20 N-PC (option)



Technical dates - digital controller

- 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/mm² or Mpa
- adjustable display in kN, N, kg, kp, to or bar
- peak value memory and reset key
- code protected calibration / linearization
- interface USB to recall the peak value

Options:

- Ⓐ insert for 4-point load
- Ⓑ set of platen with floating axle (ball seat) (Ø 230 x 40 mm)
- Ⓒ pressure stamp for curbstones acc. EN 1340
- Ⓓ compression device DV 600 AZ (usable in connection with set of platen)
- Ⓔ bending / flexure device BV 10 OM (usable in connection with set of platen)
- enlargement of bending table (2000 or 3000 mm)
- base for working height = 920 mm
- building material test software PROTEUS
- transfer-Software WinTrans
- built-in printer



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