

 Choose the Original  
Choose Success!

**FORM+TEST**<sup>®</sup>  
**PRÜFSYSTEME**

## Bending / Flexure testing machine DELTA 4-300 D-S

- 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 1338 splitting test on paving stones, EN 1340 and for compression tests
- with automatical load increase, control via digital controller DIGIMAXX C-22 in closed loop system

### Technical dates - testing frame

- 2 columns frame
- single acting test cylinder
- test load max. 300 kN
- working pressure max: 288 bar
- piston stroke: 80 mm
- test chamber height: 165 mm
- bending roller length: 510 mm
- bending roller Ø: 40 mm
- lower bending roller distance 70 .. 600 mm
- basic equipment includes the insert for 3-point load
- clear distance between columns: 550 mm
- measuring range: 12.00 ... 300 kN
- display range: 0 ... 300 kN
- electronic load measuring by precision electronic pressure transducer
- voltage: 3x 400 Volt, 50 Hz, 1.5 kW
- weight: appr. 850 kg
- available with following test loads for compression: 60 kN, 100 kN, 200 kN and 300 kN



Picture shows testing machine with option 'Splitting test device'

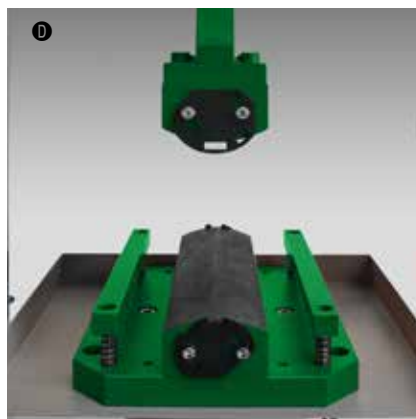


### Technical dates - digital controller

- LCD-screen-display, 5 numbers
- resolution 60,000 digits
- automatic zero point correction
- programmable calculation of the strength of 10 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:

- enlargement of bending table
- Ⓐ insert for 4-point load
- pressure stamp for curbstones Ø 40 mm acc. EN 1340
- Ⓛ splitting device acc. EN 1338
- Ⓑ set of platen Ø 230 x 40 mm with floating axle (ball set)
- Ⓒ compression device DV 600 AZ usable in connection with set of platen
- building material test software PROTEUS
- transfer-software WinTrans
- built-in printer



**FORM+TEST Seidner & Co. GmbH**  
 Post box 1154 • D-88491 Riedlingen  
 phone: +49 (0) 7371 9302-0 • fax: -99  
 www.formtest.de  
 sales@formtest.de