

Choose the Original
Choose Success!



Concrete Products
Tensile Splitting Test - EN 1338

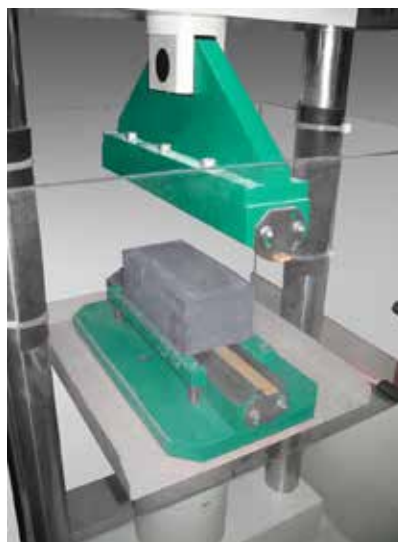
Compression Testing Machine

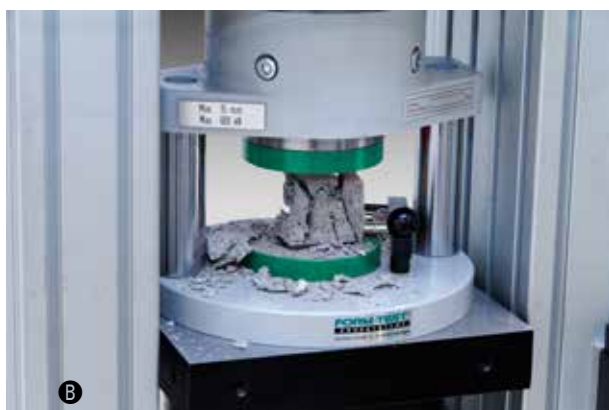
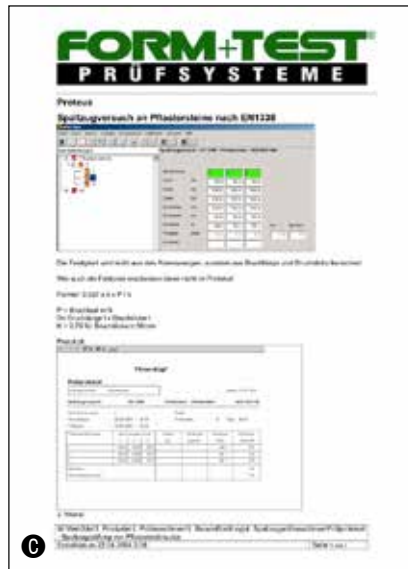
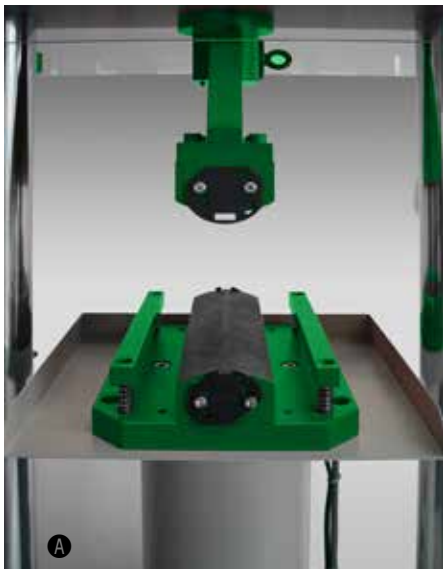
MEGA 11-350 SD

- accuracy acc. to DIN EN ISO 7500-1, class 1
- for determination of the tensile splitting strength on paving stones specially acc. to EN 1338
- with accessories / options also for compression strengths on cement acc. to EN 196 and compression strengths of unbounded and hydraulic bounded mixtures acc. to EN 13286-41
- automatic load increase by digital controller **DIGIMAXX® C40** with servo valve in closed loop system with nominal-actual value comparison

Technical Data

- test load max.: 350 kN
- test chamber height: 210/170 mm
- piston stroke: 130 mm
- upper load cutting edge: 400 mm (bending segment)
- lower load cutting edge: 400mm (bending segment)
- radius: 75 mm
- diameter: 150 mm
- clear distance of testing frame: 400 mm
- measuring range: 7.00 ... 350 kN
- display range: 0 ... 350 kN
- compact design
- with machine base UB 02-C40 for hydraulic and electronic
- lateral housing for display and controller
- modular design for extension for up to 4 testing machine frames or test cylinders
- electro-multipiston-hydraulic pump installed in oil tank
- pressure limit valve
- liquid pressure transducer (DMS)
- dimensions: 1415 x 600 x 1700 mm
- weight approx.: 890 kg
- voltage: 3x 400 Volt, 50 Hz, 1.5 kW





Technical Data – Digital Controller

- capacitive and robust 7" touch display
- PID-controller with DSP processor
- modular system with expansion options up to 8 control and measuring channels – 18 Bit
- measuring- and control cycle 2 kHz
- transmission of measured value up to 1 kHz
- freely programmable test sequences
- real-time display of the measuring channels as well as of the specimen strengths and test speed
- authorization model with different role and access authorizations (tester, laboratory manager, service technician, administrator)
- automatic and manually zero-adjustment
- adjustable break detection
- adjustable piston back-travel time
- specimen storage for test results
- 6 digital inputs galvanically isolated
- 9 potential-free relay outputs
- USB port for data export
- Ethernet connection for communication with PC software

Options:

- Ⓐ set compression plates with pendulum axle
- Ⓑ compression device DV 600 AZ with compression plates 40 x 40 mm
- Ⓒ test software **PROTEUS^{MT}**
- test module „tensile splitting test EN 1338“



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