Choose the Original Choose Success!





VDMA





PROFI-LINE

Compression and Bending Testing Machine MEGA 6-2000-100

- accuracy acc. to DIN EN ISO 7500-1, EN 12390-4, class 1 straintest execution
- for compressive strength tests acc. to EN 12390-3, EN 12504-2
- for bending strength tests acc. to EN 12390-5, EN 1339, EN 1341
- with accessories / options also for kerb stone tests acc. to EN 1338, EN 1340, EN 1343 as well as compressive strength tests on cement and mortar acc. to EN 196 / EN 1015
- separate drive station AS C 40
 N-2, automatic load increase via digital controller *DIGIMAXX®* C-40 in closed loop system with value comparison

Technical Data – Compression Test

- test load max.: 2000 kN
- piston stroke: 100 mm
- upper pressure plate: Ø 320 mm
- lower pressure plate: Ø 300 mm
- hardness of pressure plates: 53 HRC
- test area height 340 mm
- inner width of test frame: 355x255 mm
- measuring range: 40.00 ... 2000 kN
- display area: 0 ... 2000 kN
- force measurement via electronic liquid pressure transducer

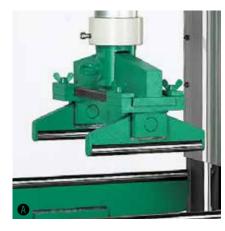
Technical Data – Bending Test

- test load max.: 100 kN
- piston stroke: 220 mm
- test area height: 220 mm
- length of bending roller: 510 mm
- bending roller Ø: 40 mm
- bending roller distance: 80 ... 900 mm
- measuring range: 1.00 ... 100 kN
- display area 0 ... 100 kN
- force measurement via an electronic load cell insensitive to shear forces
- voltage: 3x 400 Volt, 50 Hz, 1.5 kW
- weight: approx. 2310 kg





Versuche		1.0	
H1-Druck A - World 190x100x386			
H1: Druck 8 - Worke 150x150x150			
HG- Disack-C - Zylinsker 1084200			
H1- Repairing - Prome Http://dil		X	
H1. Spetting - Privna Stabilitation	48	differenchase.	
M) Druck Universalivensich		-	-
M3. Dryck 8 - Priama 45x48			
	1.00	1.00	
		X	. 🖯
	1000		11000











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:

- larger (higher) test area
- larger pressure 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 loading
- compression die for curbstones
- B set of pressure plates with floating axle
- compression device DV 600 AZ (only applicable in connection with set of pressure plates)
- bending device BV 10 OM (only applicable in connection with set of pressure plates)
- test software PROTEUS^{MT}
- electronic piston stroke measuring and control equipment

Available with following test loads:

- for compression test: 2000, 3000, 4000 kN
- for bending test: 100, 200, 300 kN



FORM+TEST Seidner & Co. GmbH Zwiefalter Str. 20 • D-88499 Riedlingen phone: +49 (0) 7371 9302-20 • fax: -99 www.formtest.de sales@formtest.de