

DATA SHEET

300 and 300/15 kN Compression-Flexure Cement Testing Frames



300/15 kN double chamber frame model 65-L28Z10

Descripción General

Four columns robust frame with single or double test chamber. Simple effect ram with electrical limit switch. All the models, single or double test chambers, are fitted with 165 mm dia. round compression plates and have to be completed with the suitable accessory. All frames are fitted with precision load cell for load measurement.

Connection to control consoles

The 15 kN load pistons of the double test chamber model 65-L28Z10 and single chamber model 65-L58Z10 connected to Pilot and Automax Control consoles, require the 65-L1400/X5 pressure regulator which.

Machine/Frames precision Class. EN 12390-4, ASTM E74

All frames, when connected to a suitable control console, can be calibrated to Class 1 starting from 10% of load scale as specified in the specification table. By special calibration procedure, it is possible to obtain Class 1 starting from 3 to 300 kN (calibration code 50-C0050/CAL) and starting from 0.5 to 15 kN (calibration code 50-C0050/CAL5). This option has to be specified at time of order.

Safety features

Model 65-L17Z10 include a cylindrical transparent fragment guard. All the other models can be completed with the relevant protection. All models are fitted with ram travel limit switch.

Normativas

- ASTM C109
- EN 196-1
- ASTM C348
- ASTM C349

Specifications

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Model 50-	L18Z10	L38Z10	L58Z10**	L28
Capacity, kN	300	300	15	15/
Load measurement	Load cell	Load cell	Load cell	Loa
Max vertical daylight, mm	205	350	205	205
Horizontal daylight, mm	220	350	220	220
Platen dimension, mm	Dia. 165	Dia. 165	Dia. 165	Dia.
Surface hardness	55 HRC	55 HRC	55 HRC	55 H
Flatness tolerance, mm	0,01			
Ram travel, mm	50	50	30	30/
Class 1 range	30-300 kN	30-300 kN	1.5-15 kN	1.5- 30-
With 50- C0050/CAL	3-300 kN	3-300 kN	-	3-30
With 50- C0050/CAL5	-	-	0.5-15 kN	-
With 50- C0050/1CAL*	0.5-300 kN	0.5-300 kN	-	-
Dimensions l x d x h, mm	500 x 405 x 1566			500 172
Weight approx., Kg	160	170	150	240

*Only when connected to Pilot Pro and Automax Pro PCS

** When connected to AUTOMAX or PILOT PRO control console, the pressure regulator model 65-L1400/X5 has to be used.



300 kN cement compression frame 65-L18Z10



65-L58Z10 with flexural device 65-L0019/B

Productos

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65-L18Z10

300 kN cap. hydraulic frame for compression tests on cement, mortar, resin and other materials. Conforming to EN 196-1, 1015-11, ASTM C109, C349 using the suitable accessories.

65-L28Z10

300/15 kN cap. double chamber hydraulic frame for compression and flexure tests on cement, mortar, resin and other materials. Conforming to EN 196-1,1015-11, ASTM C109, C348, C349 using the suitable accessories.

65-L38Z10

300 kN cap. hydraulic frame for compression tests on cement, mortar, resin and other materials. Conforming to EN 196-1, 1015-11, ASTM C109, C349 using the suitable accessories.

65-L58Z10

15 kN cap. hydraulic frame for compression tests on low strength materials or flexure tests on prisms made of cement, mortar, resin and other materials. Conforming to EN 196-1, 1015-11, ASTM C109, C348, C349 using the suitable accessories.

Accesorios y Consumibles

65-L0050/HRD

Supply of the machine cement machines/frames L28xxx complete with traceable certificate of hardness of testing platens surfaces (one upper and one bottom platen certification included). Available only for ordering with machine.

65-L3800/P

Transparent rigid safety guard for testing frame series 65-L38xxx.

65-L1000/20

Distance piece 165 mm dia. x 20 mm height.

65-L1000/30

Distance piece 165 mm dia. x 30 mm height.

65-L1000/40

Distance piece 165 mm dia. x 40 mm height.

65-L1000/68

Distance piece 165 mm dia. x 68 mm height.

65-L0050/P

Safety guard opening switch for L type frames and machines

65-L1800/P

Transparent rigid safety guard for testing frame series 65-L18xxx and 65-L58Z10.

65-L2800/P

Transparent rigid safety guard for testing frame series 65-L28xxx.