AUTOMATIC MORTAR COMPRESSION & FLEXURAL MACHINE 300kN/15kN (E-Version)

Standard: EN 196-1, EN 459-2, EN 13454-2, ASTM C109, ASTM C348, ASTMC349, BS 3892-1,4551-1



Mortar Compression & Flexural Test

This machine is designed for flexural & compression test of cement mortar equipped with two loading frames with two independent measuring ranges for better and consistent performance. Its fully automatic computer controlled provides constant loading rate for both compression and flexural test. The advanced and user friendly computer software enables results to be acquired automatically with the test curve display and result database being saved virtually unlimited inside the computer. Suitable for testing on flexural and compression of 40 x 40 x160 mm mortar prism and compression of 50 mm mortar cubes.

SuperTest Software

-User friendly software operation
-Real time display of load, strength and test speed
-Unlimited saving of test results
-Test report can be printed immediately after test

Technical Specifications :

Model Number	NL 3033 X / 003	
Type of Mode	Compression	Flexural
Max.Capacity	300 kN	15 kN
Piston Stroke	125 mm	60 mm
Speed Control Range	0 ~ 10 kN/s	0 ~ 750 N/s
Vertical Clearance	280 mm	210 mm
Fixed Top Compression Platen	Ø 98 mm	Ø 88 mm
Fixed Bottom Compression Platen	Ø 125	Ø 120
Speed Control Accuracy	≤ ±0.1 %	≤ ±0.5 %
Load Accuracy	±1.0 %	
Resolution	0.01 kN	0.1 N
Overall Dimensions (mm)	650(W) x 1400 (L) x 1460 (H)	
Power	220 - 240 V, 750 W, 1 ph, 50/60 Hz	
Approx. Weight	460 kg	

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Unit Consists Of :

Model Number	Parts Description	Qty
NL 3033 X / 003 - P001	40.1 x 40 x 160 mm Mortar Prism Flexural Device	1no.
NL 3033 X / 003 - P002	Flexural Frame Plunger Disc (For calibration purpose)	1no.
NL 3027 X / 003 - P003	40.1 x 40 x 160 mm Mortar Prism Compression Device	1no.
NL C-TM	Compatible Computer Set c/w SuperTest Software	1set.
NL CP - 200	Computer Printer	1unit

*1 Copy of Manual Instruction



NL 3033 X 003 - P002



NL 3027 X 002 - P003



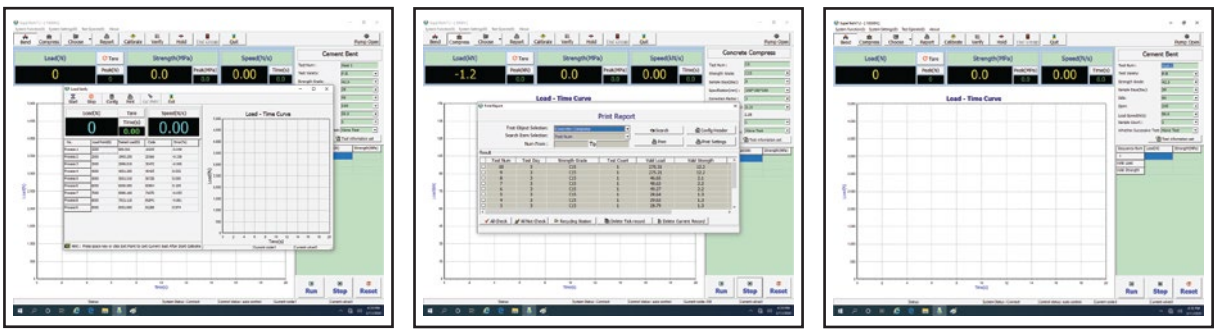
NL CP - 200

Optional Accessories :

Model Number	Parts Description
NL 3027 X / 002 - P002	Mortar Cube Compression Device 50 mm (2")



NL 3033 X 003 - P001



Supertest Software V7.2

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