

AUTOMATIC MORTAR COMPRESSION / CONCRETE BEAM FLEXURAL TEST MACHINE 300 kN

Standard: EN 196-1, ASTM C 109, EN 12390-5, ASTM C78, C293

Compression & Flexural Test

This automated Low Range machine come with dual range test method, it can perform mortar compression and concrete beam flexural test. Built-in industrial computer with touch screen functional and equipped with software. Supplied with compression platen set and concrete beam flexural device.

Technical Specifications :

Model Number	NL 3027 X / 002
Capacity	300 kN
Speed Control Range	0.1 - 10 kN/S
Resolution	0.1 kN / 0.01 kN / 0.001 kN (selectable)
Platen Diameter	Ø185 mm (bottom), Ø95 mm (top)
Measuring Change	0.2 - 100% F.S
Accuracy	1% (Class 1)
Loading Rate Error	±1%
Approx. Weight	293 kg
Dimension / Main Frame	850 (L) x 510 (W) x 1335 (H) mm
Power	220~240 V, 1 Ph, 5 A, 750 W, 50/60 Hz, 1 Hp

Set Consists Of :

Model Number	Parts Description	Qty
NL 4008 X / 005 - P001	Concrete Beam Flexural Device	1set.
NL 3027 X / 002 - P005	Compression Platen Set	1set.
NL 3027 X / 002 - P006	Distance Piece 45 mm	2nos.

*1 Copy of Manual Instruction

Optional Accessories :

Model Number	Accessories Description
NL 3027 X / 002 - P 002	50 mm (2") Mortar Cube Compression Device
NL 3027 X / 002 - P 003	40.1 x 40 x 160 mm Mortar Prism Compression Device
NL CP - 200	Computer Printer



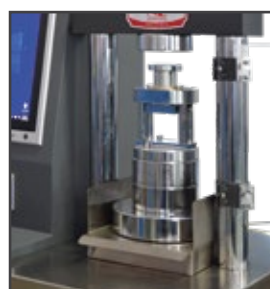
NL 4000 X / 005 - A 002



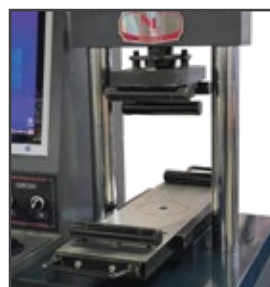
NL 3027 X 002 - P 003



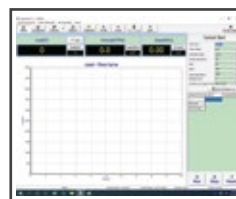
NL 3027 X 002 - P 002



Compression Jig Setup



Concrete Beam Flexural Setup



Software