

## AUTOMATIC COMPUTERIZED COMPRESSION MACHINE 2000kN AND 3000kN

Standard: EN 12390-3,  
ASTM C39, AASHTO T22

### Compression And Flexural

Newly upgraded model, rigid, compact & with brand new outlook. Old AC motor had replaced by new imported DC motor for more durability, low noise pollution, low oil temperature & low power consumption. Extra improvement on safety feature with fully protection cover & piston travel protection switch cover.

### FEATURES:-

- \*High energy saving up to 70% compare with conventional type
- \*Extremely low sound & vibration during operation
- \*User friendly computerised system
- \*Original genius parts cost low maintenance
- \*Free from foundation mounting
- \*Fully covered safety enclosed

### SOFTWARE SUPER TEST 7.2

- \*User friendly one click RUN to operate & clear menu display indication
- \*Options to select number of decimal points to display for Load, Strength & Speed.
- \*Real time display of Load against Time curve & options to display curve in test report.
- \*Number of samples per report can be added up to 10 samples.
- \*Unlimited savings of test result in huge computer storage memory.
- \*User input of Test Number, Strength, Age, Sample Size (cube, block & cylinder) & Loading Speed
- \*Test report can be printed immediately after test with a printer connected.
- \*Test report header can be input manually for various information such as customer information, weight, mixing ratio, project, etc.
- \*Simple automatic or manual loading for calibration with auto correction function for load error.
- \*Software consists of dual programmes for compression & flexural tests.

### 2000 kN Technical Specifications :

Model Number	NL 4000 X / 034
Max. Vertical Clearance	450 mm
Max. Horizontal Clearance	270 mm
Capacity	2000 kN
Compression Platen Diameter	295 mm
Piston Ram Diameter	250 mm
Piston Ram Travel	50 mm
Column Diameter	Ø70 mm
Accuracy	Class 1
Relative Error	±1%
Repeatability Relative Error	1%
Resolution	0.1 - 0.001 kN
Sensor Accuracy	0.1%
Max. Hydraulic Working Pressure	50 Mpa
Product Dimension (mm)	970 (L) x 450 (W) x 1470 (H)
Packing Dimension (mm)	1070 (L) x 550 (W) x 1570 (H)
Approx. Product Weight	900 kg
Approx. Packing Weight	1000 kg
Power	0.75 KW, 220 V, 50/60 Hz, 1ph, 6Amp

### Unit Consists Of :

Model Number	Parts Description	Qty
NL STS - 7.2	Super Test Software	1 no.
NL 4000 X / 004 - P 001	Standard Distance Piece Ø 200 x 50 mm	1 no.
NL 4000 X / 004 - P 002	Standard Distance Piece Ø 200 x 100 mm	2 nos.

\*1 Copy of Manual Instruction

### Optional Accessories :

Model Number	Accessories Description
NL 4000 X / 002 - A 005	100 mm Cube Lower Platen Piece
NL 4000 X / 002 - A 006	Block Test Compression Platen Set
NL 4000 X / 016 - A 010	Portable Flexural Test Device
NL 4008 X / 001 - P 002	100/250 kN Hydraulic Flexural Frame
NL 4012 X / 003	Split Tensile Test Device
NL 4000 X / 005 - A 002	Computer Printer

## 3000 kN Technical Specifications :

Model Number	NL 4000 X / 035
Max. Vertical Clearance	410 mm
Max. Horizontal Clearance	320 mm
Capacity	3000 kN
Compression Platen Diameter	295 mm
Piston Ram Diameter	300 mm
Piston Ram Travel	80 mm
Column Diameter	Ø78 mm
Accuracy	Class 1
Relative Error	±1%
Repeatability Relative Error	1%
Resolution	0.1 - 0.001 kN
Sensor Accuracy	0.1%
Max. Hydraulic Working Pressure	50 Mpa
Product Dimension (mm)	1020 (L) x 520 (W) x 1470 (H)
Packing Dimension (mm)	1120 (L) x 620 (W) x 1570 (H)
Approx. Product Weight	1100 kg
Approx. Packing Weight	1150 kg
Power	0.75 KW, 220 V, 50/60 Hz, 1ph, 6Amp

## Unit Consists Of :

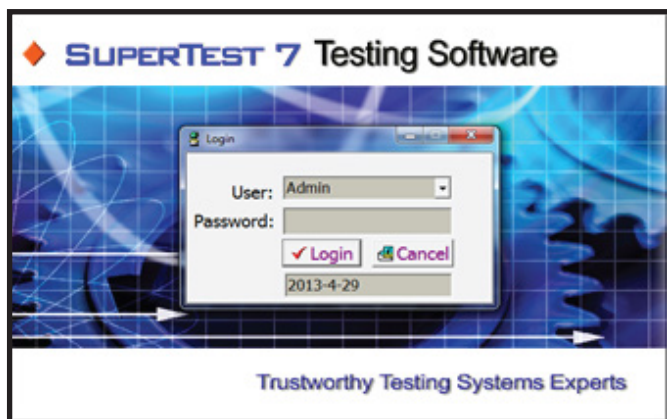
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NL STS – 7.2	Super Test Software	1 no.
NL 4000 X / 004 – P 001	Standard Distance Piece Ø 200 x 50 mm	1 no.
NL 4000 X / 004 – P 002	Standard Distance Piece Ø 200 x 100 mm	2 nos.

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**NEW  
2018**



TOUCH SCREEN DISPLAY