

## ECO-SMARTZ COMPUTERIZED FULLY AUTOMATIC WELDED FRAME COMPRESSION MACHINE 3000KN

Standard: EN 12390-4, ASTM C39,  
AASHTO T22, UNI

### 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:-

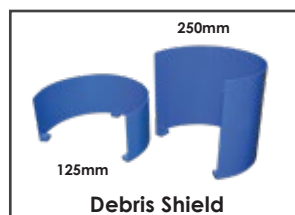
- \*High energy saving up to 70% compare with conventional type
- \*Extremely low sound & vibration during operation
- \*User friendly computerised system
- \*Original genius parts cost low maintenance
- \*Free from foundation mounting
- \*Fully covered safety enclosed

#### SOFTWARE SUPER TEST 9.1

- \*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.



Link to How to Operate Video



### Technical Specifications :

Model Number	NL 4000 X / 020
Max. Vertical Clearance	350 mm
Max. Horizontal Clearance	290 mm
Capacity	3000 kN x 1.0 kN Sensitivity
Compression Platen Diameter	300 mm
Piston Ram Diameter	300 mm
Piston Ram Travel Column Diameter	80 mm
Accuracy	Class 1
Loading Rate Range	1 kN / s
Relative Error	±1%
Repeatability Relative Error	1%
Zero Drift	±0.1%
Resolution	0.5%
Sensor Accuracy	0.1%
Max. Hydraulic Working Pressure	25 Mpa
Product Dimension (mm)	960 (L) x 500 (W) x 1200 (H)
Packing Dimension (mm)	1060 (L) x 600 (W) x 1450 (H)
Approx. Product Weight	900 kg
Approx. Packing Weight	1000 kg
Power	0.75 KW

### Unit Consists Of :

Model Number	Parts Description	Qty
NL STS – 7.1	Super Test Software	1no.
NL 4000 X / 007 – P 002	Latest Version Laptop Unit	1no.
NL 4000 X / 004 – P 001	Standard Distance Piece Ø 250 x 50 mm	1no.
NL 4000 X / 013 – P 001	Standard Distance Piece Ø 250 x 70 mm	1no.
NL 4000 X / 004 – P 002	Standard Distance Piece Ø 250 x 100 mm	1no.

\*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
NL 4000 X / DS1	Debris Shield 125 mm (H)
NL 4000 X / DS2	Debris Shield 250 mm (H)