

## ECO-SMARTZ AUTOMATIC TOUCH SCREEN COMPRESSION MACHINE 3000 kN

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

### Compression & Flexural

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

#### FEATURES:-

- \*Energy saving
- \*Less vibration & noise
- \*Auto result saving up to 450 specimen
- \*Simple operation system
- \*Fully covered safety enclosed
- \*Dual channels ready for compression & flexural

### Touch Screen Smartz Controller 2.0

Clear, easy to read, sensitive & large LCD touch screen display of 155mm(W) x 85 mm(H)

Maximum force hold facility with real time Force vs Time graph display.

User input test number, age, weight & density for complete sample information.

Real time speed indicator bar for better current speed reference for better control

Manual loading & conditional automatic loading for compression machines with suitable DC motor control system.

Automatic conversion from kN to Mpa according to the chosen sample types.



### Technical Specifications :

<b>Model Number</b>	<b>NL 4000 X / 018</b>
Max. Vertical Clearance	415 mm
Max. Horizontal Clearance	360 mm
Capacity	3000 kN x 0.1 & 1.0 kN Sensitivity
Compression Platen Diameter	295 mm
Piston Ram Diameter	310 mm
Piston Ram Travel	80 mm
Column Diameter	80 mm
Accuracy	Class 1
Product Dimension (mm)	1020 (L) x 630 (W) x 1270 (H)
Packing Dimension (mm)	1080 (L) x 780 (W) x 1450 (H)
Approx. Product Weight	1100 kg
Approx. Packing Weight	1200 kg
Power	115 / 230 V, 2.5 Amp, 50 / 60 Hz, 1 ph

### Unit Consists Of :

Model Number	Parts Description	Qty
NL 4000 X / 002 - P 001	Standard Distance Piece Ø 195 x 50 mm	1no.
NL 4000 X / 002 - P 002	Standard Distance Piece Ø 195 x 100 mm	2nos.

\*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 / 012 - A 002	Block Test Compression Platen Set (510 x 320 x 55 mm)
NL 4000 X / 002 - A 008	Thermo Printer Paper (3 rolls / pack)
NL 4000 X / 012 - A 001	Extended Base Compartment
NL 4000 X / 002 - A 010	Portable Flexural Test Device
NL 4008 X / 001 - P 001	100 kN Hydraulic Flexural Frame
NL 4012 X / 001	Split Tensile Test Device
NL MMP - 100	Mini Micro Printer c/w Cable



TOUCH SCREEN DISPLAY

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