COMPUTERIZED COMPRESSION MACHINE 3000 kN (FULLY AUTOMATIC)

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:-

*Powered by direct current (DC) motor for high energy saving motor durability.
*Heavy duty industry TOUCH SCREEN operated monitor.
*Extremely low sound & vibration during operation
*User friendly computerised system
*Original genuine parts 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 programes for compression & flexural tests.







TOUCH SCREEN DISPLAY

Technical Specifications :

Model Number	NL 4000 X / 035DSP
Max. Vertical Clearance	373 mm
Max. Horizontal Clearance	270 mm
Capacity	3000 kN
Compression Platen Diameter	295 mm
Piston Ram Diameter	290 mm
Piston Ram Travel	60 mm
Column Diameter	Ø77.5 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)	1540 (L) x 660 (W) x 1630 (H)
Packing Dimension (mm)	1300 (L) x 750 (W) x 1800 (H)
Approx. Product Weight	961 kg
Approx. Packing Weight	1020 kg
Power	220~240 V, 50/60 Hz,1Ph, 6 Amps.

Unit Consists Of :

Model Number	Parts Description	Qty
NL 4000 X / 004 – P 001	Standard Distance Piece Ø198 x 50 mm	1no.
NL 4000 X / 004 – P 002	Standard Distance Piece Ø198 x 100 mm	1pc.
NL 4000 X / 004 – P 003	Standard Distance Piece Ø198 x 60 mm	1pc.
NL 4000 X / KT	Keyboard Tray	1pc.
NL 4000 X / PT	Printer Tray	1pc.
NL 4000X / CKM	Computer Keyboard & Mouse	1set.

*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 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

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