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.

FEATURES:-
*Energy saving
*Less vibration & noise
*Auto result saving up to 450 specimen
*Simple operation system
*Dual channels ready for compression & flexural
*Piston travel switch

ADDITIONAL FEATURE :-
*Upgraded fully covered safety enclosed
*Extended base frame for comfortable operation level
*USB port to export test result

Touch Screen Smartz Controller V1.8

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.

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NEW

Technical Specifications :

Model Number	NL 4000 X / 018U
Max. Vertical Clearance	370 mm
Max. Horizontal Clearance	320 mm
Capacity	3000 kN
Low Range Sensitivity	0 - 999 x 0.1 kN
High Range Sensitivity	1000 - 3000 x 1 kN
Compression Platen Diameter	295 mm
Piston Ram Diameter	290 mm
Piston Ram Travel	50 mm
Column Diameter	73 mm
Accuracy	Class 1
Product Dimension (mm)	1020 (L) x 650 (W) x 1300 (H)
Packing Dimension (mm)	1065 (L) x 700 (W) x 1450 (H)
Approx. Product Weight	905 kg
Approx. Packing Weight	972 kg
Power	240 V, 750 W, 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	2nos.
NL 4000 X / 002 – P 002	Standard Distance Piece Ø 195 x 100 mm	1no.

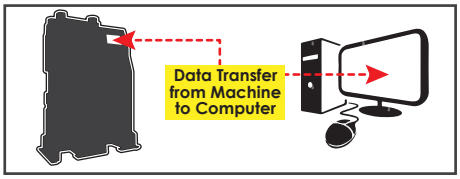
*1 Copy of Manual Instruction

Optional Accessories :

Model Number	Accessories Description
NL 4000 X / 002 – A 005	100 mm Cube Lower Platen Piece
NL 4000 X / 012 – A 002	Block Test Compression Platen Set (510 x 320 x 55 mm)
NL 4008 X / 001 – P 002	100/250 kN Hydraulic Flexural Frame
NL 4012 X / 003	Split Tensile Test Device
SP-TL1610SC	Portable Micro Printer (Serial)
NL HWPR - 44	High White Paper Roll 44mm x 33mm Dia. (5rolls/pack)
NL ERC - 05	Seamless Ribbon (Black)
NL DTSS	Data Tranfer Software c/w Cable Set
Can perform test result transfer to computer in excel format and touch screen also can collect data by using pen drive	

Portable Micro Printer

Touch Screen Display



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