ECO-SMARTZ AUTOMATIC TOUCH SCREEN COMPRESSION MACHINE 2000 kN

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

Compression And 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 V 1.8

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.



Technical Specifications :

Model Number	NL 4000 X / 016U
Max. Vertical Clearance	425 mm
Max. Horizontal Clearance	270 mm
Capacity	2000 kN
Low Range Sensitivity	0 - 999 x 0.1 kN
High Range Sensitivity	1000 - 2000 x 1kN
Units Selection	kN & MPa, kgf & kgf/cm²
Compression Platen Diameter	295 mm
Piston Ram Diameter	250 mm
Piston Ram Travel	50 mm
Column Diameter	Ø70 mm
Accuracy	Class 1
Product Dimension	970 (L) x 610 (W) x 1300 (H) mm
Packing Dimension	1020 (L) x 650 (W) x 1400 (H) mm
Approx. Product Weight	783 kg
Approx. Packing Weight	805 kg
Power	220~240 V, 1 Ph, 50/60 Hz, 2.5 A

Set 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	1no.
NL 4000 X / 004 – P 003	Standard Distance Piece Ø198 x 60 mm	1no.

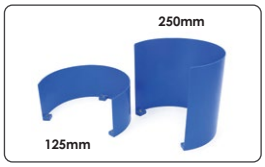
*1 Copy of Manual Instruction

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 (500 x 70 x 50 mm)
NL 4000 X / 002 – A 010	Portable Flexural Test Device
NL 4008 X / 001 – P 001	Hydraulic Flexural Frame 150 kN
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 Transfer Software c/w Cable Set
NL 4000 X / DS1	Debris Shield 125 mm (H)
NL 4000 X / DS2	Debris Shield 250 mm (H)

Can perform test result transfer to computer in excel format and touch screen also can collect data by using pen drive


SP-TL1610SC



Debris Shield



Touch Screen Display



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