Supplied by Civilab Australia

FULLY AUTOMATIC TOUCH SCREEN COMPRESSION MACHINE (HIGH STABILITY) 2000 kN & 3000 kN

Standard : EN 12390-3/772-1/12390-4/ 12390-5/12390-6, ASTM C39/C293, AASHTO T 22

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.

NEW 2025



Technical Specifications :

Model Number	NL 4000FT / HSF2K	NL 4000FT / HSF3K
Max. Vertical Clearance	375 mm	
Max. Horizontal Clearance	320 mm	370 mm
Capacity	2000 kN	3000 kN
Piston Ram Diameter	250 mm	295 mm
Piston Ram Travel	50 mm	
Compression Platen Dia.	295 mm	
Low Range Sensitivity	0 - 999 x 0.01 kN	
High Range Sensitivity	1000 - 2000 x 0.1 kN	1000 - 3000 x 0.1 kN
Product Dimension (WxDxH)	1165 x 510 x 1500 mm	1275 x 510 x 1545 mm
Packing Dimension (mm)	1300 x 680 x 1550 mm	1410 x 700 x 1750 mm
Approx. Product Weight	1090 kg	1360 kg
Power	220~240 V, 750 W, 1 Ph, 50/60 Hz, 2.5 A	

Unit Consists Of :

Model Number	Parts Description	Qty
NL 4000 HS / D50	Distance Piece Ø208 x 50 mm	1no.
NL 4000 HS / D60	Distance Piece Ø208 x 60 mm	1no.
NL 4000 HS / D80	Distance Piece Ø208 x 100 mm	1no.

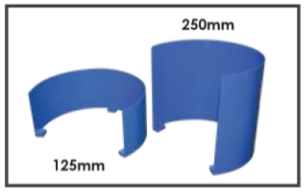
*1 Copy of Manual Instruction

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 (510x260x55mm)
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
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)

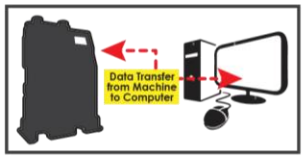
Can perform test result transfer to computer in excel format and touch screen also can collect data by using pen drive


SP-TL1610SC



Debris Shield


Touch Screen Display



Concrete

SUSTAINABLE PRECISION