

NL 4000 X / 025 ECO SMARTZ AUTOMATIC COMPRESSION MACHINE (WELDED FRAME) 5000 kN

Standard: EN 12390-3, -4, -12504-1, 1354, 1521, 13161, 1338 772-1, -6, 13286-41 196-1459-2. BS 3892-3, 187.

Compression And Flexural

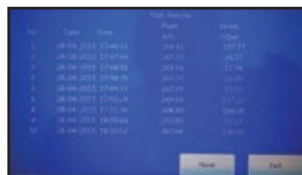
Multi-purpose compression test machine with two compression frames using a single control unit. This machine provides an economic solution to test both concrete & mortar samples without having to purchase two separate machines. Dual channel system enables the calibration to be done independently for each frame. The 500kN frame may also be used as a flexural frame for testing of concrete beams by using the optional flexural attachment.



NL 4008 X / 001 - P002



Touch Screen Display



NL 4012 X / 001



NL 4000 X / 002 - A010



NL 4000 X / 002 - 006



NL 4000 X / 002 - A005



SP-TL1610SC

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.

5000 kN Technical Specifications

Max. Vertical Clearance	435 mm
Max. Horizontal Clearance	580 mm
Capacity	5000 kN x 1.0 & 999kN x 0.1kg
	Sensitivity
Compression Platen Diameter	300 mm
Piston Ram. Diameter	440 mm
Piston Ram Travel	50 mm
Accuracy	Class 1
Frame Dimension (mm)	750 (L) x 660 (W) x 1500 (H)
Console Dimension (mm)	620 (L) x 500 (W) x 1300 (H)
Approx. Product Weight	2800 kg
Approx. Packing Weight	2950 kg
Power	220 V, 2.5 Amp, 50 / 60 Hz, 1 ph

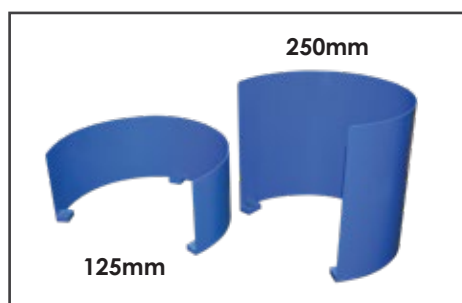
5000 kN Main Frame Unit Consists Of :

Model Number	Parts Description	Qty
NL 4000 X / 025 – P 001	Standard Distance Piece	4nos.
NL 4000 X / 025 – P 002	Bottom Platen	1pcs.

*1 Copy of Manual Instructions

Optional Accessories :

Model Number	Accessories Description
NL 4000 X / 012 – A 002	Block Test Compression Platen Set (510 x 320 x 55 mm)
SP-TL1610SC	Portable Micro Printer (Serial)
NL 4008 X / 001 - P002	150kN Hydraulic Flexural Frame
NL HWPR - 44	High White Paper Roll 44mm x 33mm Dia. (5rolls/pack)
NL ERC - 05	Seamless Ribbon (Black)
NL 4000 X / DS1	Debris Shield 125 mm (H)
NL 4000 X / DS2	Debris Shield 250 mm (H)



Debris Shield