DIGIMATIC COMPRESSION MACHINE 2000 kN

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

NEW 2026

Compression & Flexural

NL Digimatic Compression Machine are special designed extremely strong and oversized to grant high rigidity and stability during testing. With a fixed upper head carring a ball-seated platen and base platen with 150 mm cube centering guide pin. Equipped with analogue loading speed indication knob.



Unique Feature :-
-Front and side safety enclosed
-Rapid approach system for time saving
-Grade 1.0 compression accuracy
-Piston anti-over travel limit switch

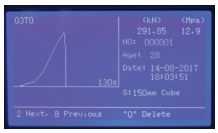
Link to How to Operate Video

Digimatic multi function controller :-
-Force value in kN & Mpa
-Max. force hold facility with real time force vs time graft display
-Multiple testing program can be selected
-Auto result saving up to 500 specimen
-RS 232 port for instant result printing
(Mini printer c/w cable **NEED order separately**)
-115 x 65 mm high resolution LED screen

Technical Specifications :

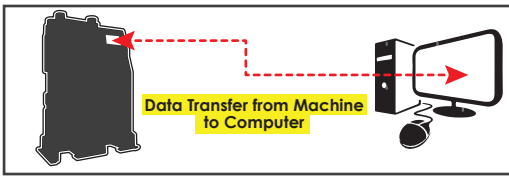
Model Number	NL 4000 X / 032G
Max. Vertical Clearance	400 mm
Max. Horizontal Clearance	285 mm
Capacity	2000 kN
Low Range Sensitivity	0 - 999 x 0.01kN
High Range Sensitivity	1000 - 2000 x 0.1kN
Compression Platen Diameter	216 mm
Piston Ram Diameter	250 mm
Piston Ram Travel	50 mm
Column Diameter	65 mm
Product Dimension (mm)	1040 (L) x 430 (W) x 1480 (H)
Packing Dimension (mm)	1040 (L) x 460 (W) x 1510 (H)
Approx. Weight / Packing Weight	635 kg / 670 kg
Power	220~240 V, 1.15 kW, 1 Ph, 50/60 Hz, 5 A, 1 Hp


Main Screen Display


Retrieving Sample Result with Graph Display


NL 4000 X / 002 - A005


SP-TL 1610PC



Set Consists Of :

Model Number	Accessories Description	Qty
NL 4000 X / 032 – P001	Distance Piece Ø158 x 50 mm	1 no.
NL 4000 X / 032 – P002	Distance Piece Ø158 x 100 mm	1 no.
NL 4000 X / 032 – P003	Distance Piece Ø158 x 85 mm	1 no.

Optional Accessories :

Model Number	Accessories Description
NL 4000 X / 002 – A 005	100 mm Cube Lower Platen Piece
SP-TL1610PC	Portable Micro Printer (Parallel)
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	

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