

## DIGIMATIC COMPRESSION MACHINE 3000 kN

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

**NEW  
2024**

### 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 carrying 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 :-

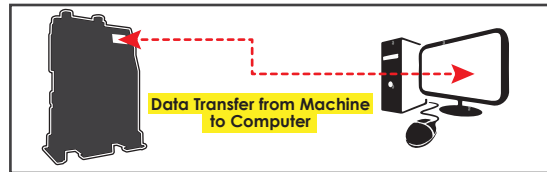
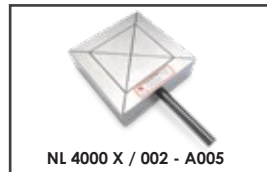
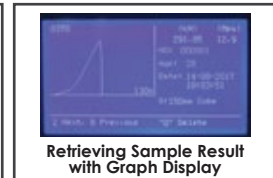
- Force value in kN & Mpa
- Max. force hold facility with real time force vs time graph display
- Multiple testing program can be selected
- Auto result saving up to 500 specimen
- RS 232 port for instant result printing (Mini printer c/w cable **NEED order separately**)
- 115 x 65 mm high resolution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

### Technical Specifications :

Model Number	NL 4000 X / 031
Max. Vertical Clearance	378 mm
Max. Horizontal Clearance	323 mm
Capacity	3000 kN
Low Range Sensitivity	0 - 999 x 0.01kN
High Range Sensitivity	1000 - 3000 x 0.1kN
Compression Platen Diameter	295 mm
Piston Ram Diameter	290 mm
Piston Ram Dimension	300 mm
Piston Ram Travel	50 mm
Column Diameter	73 mm
Product Dimension (mm)	1100 (L) x 430 (W) x 1550 (H)
Packing Dimension (mm)	1070 (L) x 510 (W) x 1610 (H)
Approx. Weight / Packing Weight	908 kg / 1000 kg
Power	220~240 V, 1.15 kW, 1 Ph, 50/60Hz, 5A, 1 Hp

### Set Consists Of :

Model Number	Accessories Description	Qty
NL 4000 X / 004 – P001	Distance Piece Ø198 x 50 mm	1 no.
NL 4000 X / 004 – P002	Distance Piece Ø198 x 100 mm	1 no.
NL 4000 X / 004 – P003	Distance Piece Ø198 x 60 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 Transfer 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