

DIGIMATIC COMPRESSION MACHINE (E-VERSION) (HIGH STABILITY FRAME)

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

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

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

**NEW
2024**



Technical Specifications :

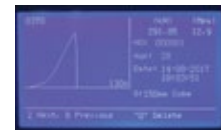
Model Number	NL 4000 X / 031 - HS1
Max. Vertical Clearance	330 mm
Max. Horizontal Clearance	445 mm
Capacity	3000 kN
Low Range Sensitivity	0 - 999 x 0.01kN
High Range Sensitivity	1000 - 2000 x 0.1kN
Compression Platen Diameter	295 mm
Piston Ram Diameter	290 mm
Piston Ram Travel	50 mm
Product Dimension (mm)	1350 (L) x 500 (W) x 1600 (H)
Packing Dimension (mm)	1450 (L) x 600 (W) x 1700 (H)
Approx. Weight	1515 kg
Power	220~240V, 750W, 5A, 1Ph, 50/60Hz

Set Consists Of :

Model Number	Accessories Description	Qty
NL 4000 X / 031 - P001	Distance Piece Ø210 x 45 mm	2nos
NL 4000 X / 031 - P002	Distance Piece Ø210 x 50 mm	3nos



Main Screen Display



Retrieving Sample Result with Graph Display



NL 4000 X / 002 - A005



SP-TL 1610PC



Distance Piece



Ball Head

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