

## DIGIMATIC COMPRESSION MACHINE 2000 kN

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 :-

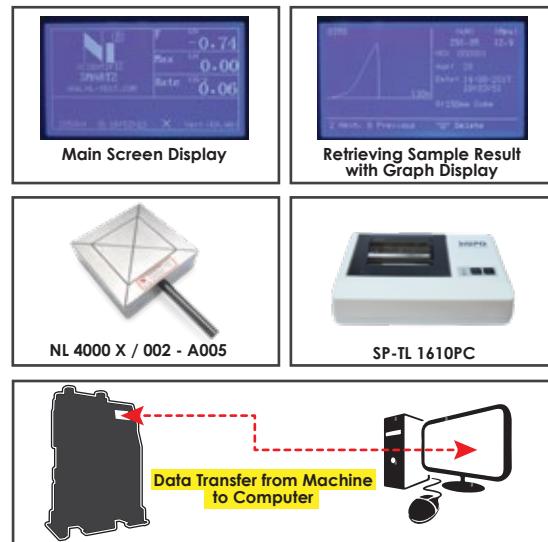
- Front and side safety enclosed
- Rapid approach system for time saving
- Grade 1.0 compression accuracy
- Piston anti-over travel limit switch

### 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



Link to How to Operate Video



### 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 470 (W) x 510 (H)                  |
| Approx. Weight / Packing Weight | 625 kg / 700 kg                               |
| Power                           | 220~240 V, 1.15 kW, 1 Ph, 50/60 Hz, 5 A, 1 Hp |

### 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 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