

## DIGIMATIC CONCRETE FLEXURAL / MORTAR COMPRESSION MACHINE 100 / 300 kN

Standard: EN 12390-5, EN 196-1/ASTM C 39, ASTM C 109, ASTM C348/AASHTO T22

### Flexural and Low Strength Compression

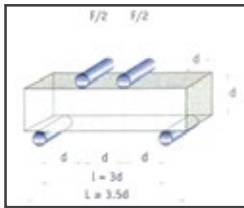
A simple and practical frame design for testing concrete beam and with additional optional device for testing mortar specimen, two prestress column design include pressure transducer, loading rate control knob and digimatic control unit.

#### Digimatic multi function controller :-

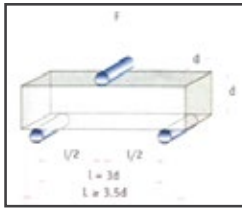
- With kN and Mpa force value display
- Max force hold facility with real time force vs time-graph display
- Auto result saving up to 450 specimens
- RS 232 port for instant result printing (Mini printer c/w cable **NEED ORDER SEPARATELY**)

#### Unique Feature :-

- Rapid approach system for the time saving
- Loading speed control knob
- Grade 1.0 accuracy result
- 5 elements injection hydraulic pump



Two Point Loading



Centre Point Loading



Mortar Compression Jig



### Technical Specification :

Model Number	NL 4008 X / 005
Capacity & Sensitivity	100 kN Flexural & 300 kN Compression x 0.1 kN
Max. Vertical Clearance	230 mm (with compression Platen)
Ma. Horizontal Clearance	198 mm
Cam. Platen Dia.	Ø158 mm
Piston Ram Dia. & Travel	150 mm & 50 mm
Appx. Dimension (mm)	785 (L) x 580 (W) x 1160 (H)
Appx. Weight	550 kg
Power	220~240 V, 0.75 kW, 1 Ph, 50/60 Hz, 4.9 A

### Unit Consists Of :

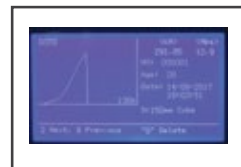
Model Number	Description
NL 4008 X / 005 – P001	Concrete Beam Flexural Device
NL 4008 X / 005 – P002	158 mm Dia. Compression Ball Head & Lower Platen
NL 4008 X / 005 – P003	Distance Piece Ø98 x 93.5 mm
NL 4008 X / 005 – P004	Distance Piece Ø98 x 39.5 mm

### Optional Accessories :

Model Number	Parts Description
NL 3027 X / 002 – P 002	Mortar Cube Compression Device
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)



Main Screen Display



Retrieving Sample Result with Graph Display



Mortar Cube Compression Device



SP-TL1610PC