DIGIMATIC COMPRESSION MACHINE (Low Strength) 300 - 1000 kN

Standard: EN 12390-3,EN 1338,EN 196-1/AASHTO T22/ASTM C39

Low Strength Compression

This semi-automatic compression machine special designed for specimen such as low strength concrete,brick,mortar and etc. User can request any maximum compression force (Between 300 to 1000 kN).

Unique Feature :-
- Front and side safety enclosed.
- Loading speed control knob.
- Grade 1.0 compression accuracy.
- 5 elements injection hydraulic pump.
- High tensile pre-stress 4 column frame.
- Rapid approach system for time saving.

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 450 specimen
-RS 232 port for instand result printing (Mini printer c/w cable **NEED order separately**)
-115 x 65 mm high resolution LED screen



Technical Specifications :

Model Number	NL 3029 X / 003
Capacity & Sensitivity	300 till 1000kN (Upon request by user) x 0.1 kN
Max Vertical Clearance	228 mm
Max. Horizontal Clearance	240 mm
Compression Platen Size	Top : Ø220 mm, Bottom : 220 mm x 250 mm
Piston Ram Diameter & Travel	200 mm x 80 mm
Approx. Dimension (mm)	355(L) x 885 (W) x 1210 (H)
Approx. Weight	600 kg
Power	AC 220 - 240 V , 1ph, 0.75kW,4.9 A, 50/60 Hz

Unit Consists Of :

Model Number	Parts Description	Qty
NL 3029 X / 003 – P 001	Distance Piece Ø 118 x 45 mm	1pc.
NL 3029 X / 003 – P 002	Distance Piece Ø 118 x 25 mm	1pc.

*1 Copy of Manual Instruction



Main Screen Display


Retrieving Sample Result with Graph Display


Portable Micro Printer

Optional Accessories :

Model Number	Accessories Description
NL 3029 X / 003 – A 001	Rectangular Bricle Test Platen Set
NL 3029 X / 001 – A 002	Lower Compression Platen (for 100 mm Cube)
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)

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