

NL SMARTZ CONSOLE UNIT

Compression Control System

Stand-alone power and control console unit, using DC Motor couple with 5 element radius injection hydraulic pump and control by NL Smartz Controller, able to perform with dual frame on compression both high and low range. (APPLICABLE FOR COMPRESSION 50 KN - 3000 KN)

Touch Screen Smartz Controller V 1.1

Clear, easy to read, sensitive & large LCD touch screen display of 155mm(W) x 85 mm(H)

Maximum force hold facility with real time Force vs Time graph display.

User input test number, age, weight & density for complete sample information.

Real time speed indicator bar for better current speed reference for better control

Manual loading & conditional automatic loading for compression machines with suitable DC motor control system.

Automatic conversion from kN to Mpa according to the chosen sample types.



TOUCH SCREEN DISPLAY

Technical Specifications :

Model Number	NL SC-100
Control Unit	NL 4000 X STC Touch Screen Controller
Motor	1 Hp D.C Motor come with Drive Unit
Number of Channel	Dual Channel (High & Low Range)
Type of Pump	5 Elements Radius Release Valve
Max. Load Applicable	50 Mpa
Rapid Approach	Available
Release Valve	3 Way Manual Release Valve
Dimension	420 (W) x 380 (L) x 1350 (H) mm
Power	220 V, 1 Ph, 750 W, 50/60 Hz

Optional Accessories :

Model Number	Parts Description
NL LTD-10	10 Mpa Load Transducer (For low range operation)

NEW
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Applicable for Compression and Flexural Testing