

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)

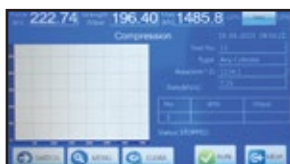
Maximum force hold facility with real time Force vs Time graph display.

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



Applicable for Compression and Flexural Testing



Technical Specifications :

Model Number	NL 4000 SCU / HA	NL 4000 SCU / HR
Control Unit	NL 4000 X STC Touch Screen Controller	
Motor	1 Hp D.C Gearmotor c/w Drive Unit	1 Hp D.C Motor c/w Drive Unit
Loading Range	1 - 300 kN	301 - 3000 kN
Number of Channel	Dual Channel (High & Low Range)	
Pump Pressure Range	50 Mpa	
Rapid Approach	Manually Push Button	
Pressure Release Type	3 Way Manually Release Valve	
Pressure Transducer Range	10 Mpa	50 Mpa
Approx Weight	115 kg	
Dimension	420 (L) x 380 (W) x 1350(H) mm	
Power	220~240V, 750W, 2.5 Amps, 1Ph, 50/60 Hz	