

CONSOLIDATION APPARATUS

Standard: BS 1377-5, ASTM D2435, AASHTO T216

Continuous Consolidation Apparatus

Consolidation Apparatus (also known as Oedometer) designed to provide reliable results from a unit which is compact without sacrificing accuracy and repeatability. It comes with triple beam ratio and compact design ensures space saving.

DATA ACQUISITION UNIT:-

1. Support up to 8 channels of deformation gauge run at once.
2. Display real time graph plotting of Displacement vs Time.
3. Graph images can be save via pre-installed software.
4. Raw data collection is saved automatically.

Technical Specifications :

Model Number	NL 5044 X / 001
Load Capacity	8240 kPa on Ø50 mm Specimen
Dimension LxWxH	Consolidation Unit 203 (L) x 818 (W) x 1152 (H) - include hanger 203 (L) x 818 (W) x 511 (H) - without hanger Consolidation Unit w/ bench 591 (L) x 850 (W) x 1360 (H)
Weight	25kg (w/o bench) , 35kg (w/ bench)
Frame	Cast Aluminium & Platen Steel
Beam Ratio	1:9, 1:10, 1:11

Optional Accessories :

Model Number	Accessories Description
NL 5044 X / 001 – A 001	Weight Set 50 kg (4 x 10 kg, 1 x 5 kg, 2 x 2 kg & 1 x 1 kg)
NL 5044 X / 001 – A 002	Weight Set 100 kg (9 x 10 kg, 1 x 5 kg, 2 x 2 kg & 1 x 1 kg)
NL 5044 X / 001 – A 003	Table Top Bench (for Consolidation Unit)
NL DT – 3DP	Digital Displacement Gauge 12.7 x 0.001mm
NL 5044 X / DAU	Data Acquisition Unit c/w Software (8 Channels)
NL 5044 X / 001 – A 005	Ø75 mm Consolidation Cell
NL LT – 001	Compatible Laptop Unit
NL LPD	Portable Desk (for Laptop)



Data Aquisition Unit

Set Consists Of :

Model Number	Parts Description	Qty
NL 5044 X / 001 – P 001	Basic Consolidation Unit	1no.
NL 5044 X / 001 – P 002	Ø 50 mm Consolidation Cell	1no.
NL 5044 X / 001 – P 003	Weight Set Hanger	1no.
NL 7020 X 011	Dial Indicator 12 x 0.002 mm	1no.

*1 Copy of Manual Instruction