

ADVANCE AUTOMATIC DIGITAL CONE PENETROMETER

Standard: BS 1377-2 (2022), BS EN 17892-12

Liquid Limit : Cone Method

Cone Penetrometer (also known as Fall Cone Apparatus) is used to determine liquid limit of fine-grained soils by measuring standardized cone penetration under gravity, offering higher repeatability and reduced operator influence compared to traditional methods.

FEATURES:-

- *Automatic hold mechanism based on timer
- *Solid & compact design
- *With fine height tuning knob
- *Selectable penetration timer
- *Immediate print result with Portable Mini Printer (sold separately).



Technical Specifications :

Model Number	NL 5003 X / 005
Measurement Resolution	0.01 mm
Penetration Range	Up to 50 mm
Timer Options	5s, 15s, 30s, 60s
Display Unit	Digimatic Display
Product Dimension	310 (L) x 210 (W) x 500 (H) mm
Packing Dimension	340 (L) x 240 (W) x 470 (H) mm
Approx. Product Weight	5.5 kg
Approx. Packing Weight	6.5 kg
Power	220~240 V, 1 Ph, 50/60 Hz

Unit Consists Of :

Model Number	Parts Description	Qty
NL 5003 X / 005 – P 001	Penetration Test Cone 30° Angle	1no.
NL 5003 X / 002 – P 002	Check Gauge Disk (for 30° cone)	1no.
NL 5003 X / 005 – P 003	Sample Container Ø 55 x 40 mm	1no.

*1 Copy of Manual Instruction

Optional Accessories :

Model Number	Accessories Description
WH-T1AZBO	Portable Mini Printer (T1)
NL 5003 X / 005 – A 001	Straightedge (100 mm)
NL HWPR – 44	High White Paper Roll 44mm x 33mm Dia. (5rolls/pack)
NL ERC – 05	Seamless Ribbon (Black)



Portable Mini Printer (T1)