

ECO-SMARTZ ADVANCE CBR / MARSHALL LOADING FRAME 50 kN

Standard: CBR-EN 13286-47, BS 1377:4,
ASTM D1883, AASTHO T 193/
MASHALL-EN 12697-34, 13108,
ASTM D1559, D6927-06, AASTHO T245,
BS598:107

Immediate Bearing Index

Newly invented bench mounting type machine, with rigid and compact design compare with previous model. By using DC motorised drive system to achieve more reliable and high accurate testing result.

*Supplied without accessories which have to ordered separately.

FEATURES:-

- *Compact, table top design
- *Energy saving with DC power motor
- *Less vibration & noise during operation

Technical Specifications :

Model Number	NL 5002 X / 011
Capacity	50 kN
CBR Testing Speed	1.2 mm / min
MARSHALL Testing Speed	50.8 mm / min
Plunger Travel	100 mm
Vertical Clearance	680 mm
Horizontal Clearance	270 mm
Product Dimension	840 (L) x 455 (W) x 1310 (H) mm
Packing Dimension	1000 (L) x 560 (W) x 1500 (H) mm
Approx. Product Weight	185 kg
Approx. Packing Weight	205 kg
Power	220 V, 2.5 Amp, 50 / 60 Hz, 1 ph, 370 W

*1 Copy of Manual Instructions

Optional Accessories (CBR Test) :

Model Number	Accessories Description
NL 5002 X / 006 - P 001	Penetration Piston
NL 5002 X / 006 - P 002	Extension Plunger for BS Penetration Piston
NL 5002 X / 005 - A 001	Platen Disc
NL 5002 X / 001 - P 003	Dial Gauge Holder
NL 7023 X / 009	Proving Ring 50 kN
NL 7020 X / 001	Dial Indicator 25 x 0.01 mm



Marshall Set Up



CBR Set Up



CBR Accessories



MARSHALL Accessories

Optional Accessories (Marshall Test) :

Model Number	Accessories Description
NL 2010 X / 006 - P003	4" Marshall Stability Mould
NL 5002 X / 005 - A 003	Flow Meter
NL 5002 X / 005 - A 004	Ball Head Plunger (for Marshall Test)
NL 7023 X / 007	Proving Ring 30kN
NL 7020 X / 001	Dial Indicator 25 x 0.01 mm