

DYNAMIC CONE PENETROMETER

Standard: TRL (CS229), ASTM D6951

Dynamic Penetrometers

Designed for the rapid in-situ measurement of the structure properties of existing road pavement constructed with unbound materials. Continuous measurements can be made down to a depth of approximately 850 mm or when extension shafts are used to a recommended maximum depth of 2 m. Where pavement layers have different strengths the boundaries can be identified and the thickness of the layers determined.

Technical Specifications :

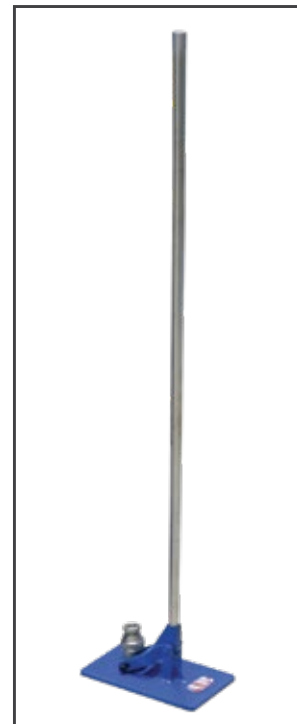
| | |
|---------------------|------------------------------|
| Model Number | NL 5027 X / 001 |
| Dimension (mm) | 1060 (L) x 170 (W) x 140 (H) |
| Approx. Weight | 26 kg |



Set Consists Of :

| Model Number | Parts Description | Qty |
|-------------------------|--|-------|
| NL 5027 X / 001 – P 001 | Guide Rod Handle | 1no. |
| NL 5027 X / 001 – P 002 | Sliding Hammer – 8kg | 1no. |
| NL 5027 X / 001 – P 003 | Hammer Guide Rod (575mm Falling Height) | 1no. |
| NL 5027 X / 001 – P 004 | Anvil Guard Unit | 1no. |
| NL 5027 X / 001 – P 005 | Penetration Rod 1 (125mm O/A LG.) | 1no. |
| NL 5027 X / 001 – P 006 | Penetration Rod 2 (425mm O/A LG.) | 1no. |
| NL 5027 X / 001 – P 007 | Penetration Rod 3 (788mm O/A LG.) | 1no. |
| NL 5027 X / 001 – P 008 | Penetration Cone 60° x Ø 20 mm | 2nos. |
| NL 5027 X / 001 – P 009 | Base Guiding Piece | 1no. |
| NL 5027 X / 001 – P 010 | Tools Kit Set | 1set. |
| NL 5027 X / 001 – P 011 | Steel Carrying Case | 1no. |
| NL 7055 X / 004 | Steel Ruler 1 m (L) | 1no. |

*1 Copy of Manual Instruction



NL 5027 X / 001 - A002

Optional Accessories :

| Model Number | Description |
|------------------------|------------------------------|
| NL 5027 X / 001 - A001 | Lifting Handle (DCP) |
| NL 5027 X / 001 - A002 | Hand Jack Lifting Tool (DCP) |



NL 5027 X / 001 - A001