

## CONCRETE PENETRATION APPARATUS

Standard: ASTM C403, AASHTO T197

### Setting Time by Penetration

Used to determine the setting time of the mortar fraction in concrete mixes with slump greater than zero, by testing mortar sieved from mix.



### Technical Specifications :

<b>Model Number</b>	<b>NL 4004 X / 001</b>
Case Dimension (mm)	580 (L) x 250 (W) x 60 (H)
Approx. Weight	5 kg

### Unit Consists Of :

Model Number	Parts Description	Qty
NL 4004 X / 001 – P 001	Needles Point Set: 1) 645mm <sup>2</sup> (Ø24.66mm) 2) 323mm <sup>2</sup> (Ø20.28mm) 3) 161mm <sup>2</sup> (Ø14.32mm) 4) 65mm <sup>2</sup> (Ø9.10mm) 5) 32mm <sup>2</sup> (Ø6.38mm)	1set
NL 4004 X / 001 – P 002	Spring Loading Device (1 – 100 kgf)	1no.
NL 4004 X / 001 – P 003	Penetration Needles c/w Tool: 1) Penetration Needle 16mm <sup>2</sup> (Ø4.51mm) 2) Medium Penetration Needle 3) Large Penetration Needle 4) Tool	1set
NL 4004 X / 001 – P 004	Carrying Case	1no.



\*1 Copy of Manual Instruction