

LIGHTWEIGHT DEFLECTOMETER

Standard: ASTM E2835

This equipment used to monitor the bearing capacity of roadbed, that is dynamic deformation modulus E_{vd}. It is suitable for monitoring the construction quality of railway, highway, airport and industrial building under dynamic load, especially suitable for narrow places such as the transition section of road and bridge, existing roadbeds etc.



Technical Specifications :

Model Number	NL 5064 X / 001
Max. Impact Force	7.07 kN
Impact Duration	18.0 ± 2 ms
Subsidence Test Range	0.1 ~ 2.0 mm ± 0.02 mm
Dynamic Deformation Test Range	E _{vd} < 225 Mpa
Work Temperature	-10 ~ 50 °C
Loading Plate Diameter, Thickness	300 mm, 20 mm
Dimension (mm)	1330 (L) x 430 (W) x 290 (H)
Approx. Weight	30 kg
Power	3.7 V Lithium Battery

Unit Consists Of :

Model Number	Parts Description	Qty
NL 5064 X / 001 – P 001	Guide Rod w/ Drop Hammer	1no.
NL 5064 X / 001 – P 002	Loading Plate	1no.
NL 5064 X / 001 – P 003	Handheld Control Device	1no.
NL 5064 X / 001 – P 004	Bluetooth Printer	1no.
NL 5064 X / 001 – P 005	Probe Cable	1no.
NL 5064 X / 001 – P 006	Charging Cable	1no.
NL 5064 X / 001 – P 007	Printer Cable	1no.

*1 Copy of Manual Instruction