



MICRO-DEVAL TESTING MACHINE

Standard: EN 1097-1 / EN 13450

The Micro-Deval Testing Machine is designed to determine the resistance of aggregates to wear by abrasion in the presence of water. This method is especially suitable for coarse aggregates used in road and railway construction and is compliant with EN 1097-1 and EN 13450 standards.

It is commonly used in testing laboratories, civil engineering firms, and aggregates suppliers to evaluate the long-term durability of materials under simulated environmental wear conditions.

Features:

- 1) Capable of operating up to 4 drums simultaneously, allowing multiple samples to be tested in parallel, which improves productivity and lab efficiency.
- 2) Supplied with a built-in safety enclosure that protects users from moving parts and reduces operational noise. The cabinet is included at no additional cost.
- 3) Rigid structure minimizes vibration during operation, ensuring stable rotation and consistent results.

Technical Specifications :

Model Number	NL 1026 X / 001
Revolution Counter	Digital, up to 999999
Rotation Speed	100 ± 5 rpm
Water Tight & Dust Seal	Yes
Timer Function	Programmable auto-stop after set revolutions
Dimension (mm)	400 (H) x 450 (W) x 1325 (L)
Approx. Weight	205 kg
Power	220 ~ 240V, 1000 W, 50/60 Hz

Unit Consists Of :

Model Number	Parts Description	Qty
NL 1026 X / 001 – P 001	Stainless Steel Drum Cylinders with Ø 200 x 154mm (L) (EN 1097-1 compliance)	4nos.
NL 1026 X / 001 – P 002	Stainless Steel Spheres Ball Ø10mm (20kg/pack)	1pack



Controller Panel

Optional Accessories :

Model Number	Parts Description
NL 1026 X / 001 – A 001	Stainless Steel Cylinder, Ø 200mm x 400mm (L) (EN 13450 compliance) <i>*Abrasive Charge (steel spheres) not required</i>



Internal