



## RELATIVE DENSITY APPARATUS

Standard: ASTM D4253/D4254, EN 13286-5

### Determination of Compaction

This method covers the determination of the maximum dry density and water content of cohesionless materials when compacted using a vibrating table.

Supplied **WITHOUT** accessories for both ASTM & EN standard, to be order separately.

#### Set Consists Of :

Model Number	NL 5033 X / 001N
Dimension (mm)	892 x 762 x 558
Table Size LxWxH	(Vibrating Table Only)
Approx. Weight	330 kg (include ASTM & EN acc.)
Vibration Frequency	3600 RPM (Max.)
Amplitude Range	0.05 to 0.64 mm (Adjustable)
Power	220~240 V, 0.31 kW, 1 Ph, 50/60 Hz, 1.68 A, 0.3 Hp

#### Set Consists Of :

Model Number	Parts Description	Qty
NL EITC-100	Electronic Timer Controller	1no.
NL 5033 X / 001 – P 001	Vibrating Table	1no.
NL 5001 X / 001 – A 023	Straight Edge (300 x 30 x 3 mm)	1no.

#### Optional Accessories ASTM Version :

Model Number	Accessories Description	Qty
NL 5033 X / 001 – P 002	Relative Density Mould 0.5 cu.ft. c/w Accessories	1set.
NL 5033 X / 001 – P 003	Relative Density Mould 0.1 cu.ft. c/w Accessories	1set.
NL 5033 X / 001 – P 004	Surcharge Weight & Base with Handle (for 0.5 cu ft mould)	1set.
NL 5033 X / 001 – P 005	Surcharge Weight & Base with Handle (for 0.1 cu ft mould)	1set.
NL 5033 X / 001 – P 006	Gauge Measuring Set c/w 50 x 0.01 mm dial Gauge	1set.

#### Optional Accessories EN Version :

Model Number	Accessories Description	Qty
NL 5033 X / 001 – P 007	Relative Density Mould 14 litres c/w Accessories	1set.
NL 5033 X / 001 – P 008	Surcharge Weight & Base with Handle for 14 litres mould	1set.
NL 7025 X / 004	Digital Caliper (for Deformation measuring)	1no.