

# PARTICLE SIZE ANALYSIS OF SOIL APPARATUS

Standard: ASTM D422, AASHTO T88 / UNE 103.102

## Particle Size Analysis

To determine the particle size distribution of very fine materials such as silt and clay. To perform the test the following apparatus is required which can be selected as single items or grouped in a complete set.

### Technical Specifications :

Model Number	NL 5024 X / 001	NL 5024 X / 002
Type	6 Samples (Standard)	15 to 20 Samples (Large)
Approx. Weight	19 kg	26 kg
Bath Dimension	540 x 310 x 410 (mm)	830 x 520 x 410 (mm)

### Set Consists Of :

STANDARD			LARGE		
Model Number	Parts Description	Qty	Model Number	Parts Description	Qty
NL 5024 X / 001 – P 001	Constant Temperature Water Bath c/w Heater & Circulating Pump 240 V, 1 ph, 50 / 60 Hz	1no.	NL 5024 X / 002 – P 001	Constant Temperature Water Bath c/w Heater & Circulating Pump 240 V, 1 ph, 50 / 60 Hz	2nos
NL 5024 X / 001 – P 002	Hydrometer Jar 1000 ml	6nos.	NL 5024 X / 001 – P 002	Hydrometer Jar 1000 ml	15nos.
NL 5024 X / 001 – P 003	Hydrometer Jar Rubber Bung	6nos.	NL 5024 X / 001 – P 003	Hydrometer Jar Rubber Bung	15nos.
NL 7010 G / 002	Hydrometer Long Stem 0.995 – 1.038 g/ml (ASTM)	1no.	NL 7010 G / 002	Hydrometer Long Stem 0.995 – 1.038 g/ml (ASTM)	1no.
NL 7034 X / 006	Glass Thermometer -10 to 50°C x 0.5°C	1no.	NL 7034 X / 006	Glass Thermometer -10 to 50°C x 0.5°C	1no.
NL 7002 G / 004	Glass Beaker with Spout 250 ml	1no.	NL 7002 G / 004	Glass Beaker with Spout 250 ml	1no.
NL 7029 CM / 003	Sodium Hexametaphosphate 1000 g / btl	1btl.	NL 7029 CM / 003	Sodium Hexametaphosphate 1000 g / btl	1btl.
NL 5024 X / 001 – P 009	High Speed Stirrer, 10000 RPM c/w cup & Baffle 240 V, 1 ph, 50 / 60 Hz	1no.	NL 5024 X / 001 – P 009	High Speed Stirrer, 10000 RPM c/w cup & Baffle 240 V, 1 ph, 50 / 60 Hz	1no.

### Optional Accessories :

Model Number	Accessories Description
NL 7029 CM / 002	Sodium Carbonate (1000 g)

