CONSTANT HEAD PERMEAMETERS
Standard: ASTM D2434,AASHTO T215, BS 1377-5

Constant Head Apparatus

It is used for testing permeability of granular soil which are sands & gravels. It consists of a transparent permeability cell mounted on a detachable aluminium top & base plate. The cylinder has pressure points at different levels and connected to the manometer & to the costant level tank. Two different cell available (75 mm & 114 mm diameter).



Technical Specifications :

Item Description	Permeability Cell	
Model Number	NL 5034 X / 001	NL 5034 X / 001 – A 004
Nominal Cell Internal Dia.	75 mm	114 mm
Take-Off Point	3	12
Cell Wall	Transparent Arcylic	
Top & End Plate	Alloy Aluminium Plate	

Complete Set :

Model Number	Parts Description	Dimension	Approx. Weight	Qty
NL 5034 X / 001– P 001	Constant Head Permeability Cell Ø 75 mm	190 x 125 x 410 mm	2.8 kg	1no.
NL 5034 X / 001– P 002	Manometer Tubes & Stand	65 x 190 x 1170 mm	3.9 kg	1set
NL 5034 X / 001– P 004	Constant Level Tank c/w Bracket	200 x 200 x 480 mm	7.0 kg	1no.
NL 5034 X / 001– P 005	Rubber Hose	4 meters Length	0.5 kg	1no.
NL 7031 X / 001	Digital Stop Watch	-	-	1no.

Optional Accessories :

Model Number	Accessories Description
NL 5034 X / 001 – A 001	Foldable Panel Stand c/w Roller Wheel
NL 5034 X / 001 – A 004	Constant Head Permeability Cell Ø 114 mm
NL 5034 X / 001 – P 002	Manometer Tubes & Stand (Additional for Cell Ø 114 mm)
NL 5034 X / 001 – A 002	De-Airing Tank
NL 7022 X / 007	Vacuum Pump



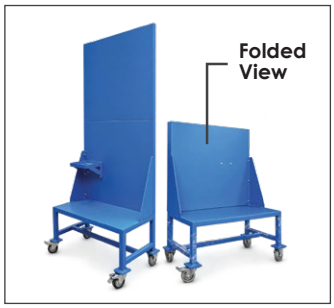
Constant Head Permeability Cell Ø 114 mm & Ø 75 mm



NL 5034 X / 001 – A 002



NL 7022 X / 007



NL 5034 X / 001 – A 001

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