

Permeability cells

GENERAL DESCRIPTION

The permeability cells are available with brass valves and related accessories for normal use and with stainless steel valves for use with contaminated soils. The toxic interface chamber 28-WF0194/3 is recommended to be fit between control panel and permeability cells to avoid toxic permeants from entering control panel. This also prevents contact of air with the permeant, thus no toxic or corrosive vapours can escape into the laboratory.

- Dimensions: 300x355 mm (h) approx.
- Weight approx.: 5 kg

ORDERING INFO

28-WF0194/A

Permeability cell with brass valves for normal use

28-WF0194/B

Permeability cell with stainless steel valves for use with contaminated soils

ACCESSORIES

Top caps, base pedestals and sample accessories

	Sample 70mm dia.	Sample 100mm dia.
Top cap and base pedestal for normal use	28-WF0194/A1	28-WF0194/A2
ap and base pedestal for contaminated materials	28-WF0194/B1	28-WF0194/B2
Porous disks	28-WF4074	28-WF4104
Membranes	28-WF4075	28-WF4105
o-Rings	28-WF4076	28-WF4106
O-ring placing tool	28-WF4071/B	28-WF4101/B
Suction device	28-WF4071/A	28-WF4101/A
Two part split former	28-WF4071/D	28-WF4101/D

28-WF0194/3

Toxic interface chamber

DATA SHEET

Template for data processing

30-WF6016/T14

Permeability Geo-Analysis template. MS Excel application for importing test data, calculating and plotting results and producing test report in accordance with BS1377: 6

ADDITIONAL INFORMATION

Typical configuration of a system for permeability test with permeability cells for normal or contaminated soil samples 100 mm dia.

Code	Description	Q.ty
28-WF0194/A	Cell with brass valves	1
28-WF0194/B	Cell with stainless valves for contaminated soils	1
28-WF0194/A2	Top cap and base pedestal 100 mm dia.	1
28-WF0194/B2	Top cap and base pedestal 100 mm dia. for Contaminated materials	1
28-WF0194/3	Toxic interface chamber	2
28-WF4105	Rubber membranes, 10 pieces	1
28-WF4106	O-Rings, 10 pieces	1
28-WF4101/A	Membrane stretcher	1
28-WF4101/D	Split former	1
28-WF4101/B	O-Ring placing tool	1
28-WF6300	Pressure transducer, 10 bar	2
28-WF6310	De-airing block	2
28-WF4450	3 channels digital readout unit	1
28-WF4331	Pressure control panel, 3 lines	1
28-WF4330/2	Digital pressure gauge	1
28-WF4400	Double burette volume change apparatus	2
28-WF4220/A	De-airing tank, 7 liters cap.	1
28-WF4202	De-airing water apparatus	1
28-WF4191	Nylon tubing 6x8 mm dia., 10 m	2
86-D2015	Air compressor, 50 liters	1

DATA SHEET

28-WF2016/2	Air filter/Water trap for air compressor	1
28-WF4320	Bladder Air/Water cylinder	3



28-WF0194/A



28-WF0194/3