



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

This wishlist was generated on 27/04/2016, and contains the following Products:

25-4047

50mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

25-4166

38mm/1.5 Inch Base Adaptor for 50mm Cells.

25-4290

Membrane Placing Tool 35mm/38mm.

25-5061

Rubber Membrane 38mm/1.5 Inch Diameter. Pack of 10.

25-5081

Membrane Sealing Ring 38mm/1.5 Inch Diameter. Pack of 10.

25-5050

Pressure Pad 38mm/1.5 Inch Diameter.

25-5100

Suction Membrane Device 38mm/1.5 Inch Diameter.

25-5130

Two Part Split Mould 38mm



50mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: 25-4047

Product Group: Triaxial Cell, Triaxial Cells

- Working pressure up to 1700 kPa
- All round visibility
- Sample sizes 38 to 100 mm diameter
- Rapid assembly and dismantling
- Accepts a range of interchangeable submersible load transducers

This range of precision made triaxial cells has been designed to meet the requirements of the modern soils laboratory. The cells have been treated to minimise corrosion. Particular attention has been paid to the quality of finish between the piston and the head. Final assembly includes the fitting of an O-ring seal and the use of special lubricant to reduce friction to a minimum and eliminate water leakage.

The piston load capacity is designed to accept high horizontal forces which may be present during the final stages of a test. Each cell has five take-off positions drilled in the base for top drainage/back pressure, pore water pressure and bottom drainage. Two no-volume change valves and an anvil for strain gauge/transducer datum are supplied for fitting to the cell.

A feature of these cells is that they all accept a single diameter piston. The internal height is such that a range of submersible load transducers can be fitted without any modification. Each cell will accept a range of base adaptors and various accessories for testing a wide range of specimens

Standards

BS 1377, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297

Specification

| | |
|-------------------------------|-------------|
| Cell size | 50 mm |
| Max specimen size | 50 x 100 mm |
| Working pressure | 1700 kPa |
| Max piston load | 45 kN |
| Vertical clearance required | 380 mm |
| Horizontal clearance required | 155 mm |
| Weight kg | 4 |



38mm/1.5 Inch Base Adaptor for 50mm Cells.

Code: [25-4166](#)

Product Group: [Base Pedestals, Specimen Base Adaptors](#)

38mm/1.5 Inch Base Adaptor with Twin Pore Pressure Ports for 50mm Cells.

Standards

BS 1377, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297



Membrane Placing Tool 35mm/38mm.

Code: [25-4290](#)

Product Group: [Membrane Placing Tools, O-Ring Placing Tools](#)

Membrane Placing Tool For 35Mm/1.4 Inch And 38Mm/1.5 Inch Samples.

Standards

ASTM D2850, ASTM D4767, ASTM D5084, AASHTO T296, AASHTO T297



Rubber Membrane 38mm/1.5 Inch Diameter. Pack of 10.

Code: [25-5061](#)

Product Group: [Rubber Membranes](#)

Rubber Membrane For 38Mm/1.5 Inch Samples
(Pack Of 10).



Membrane Sealing Ring 38mm/1.5 Inch Diameter. Pack of 10.

Code: [25-5081](#)

Product Group: [Membrane Sealing Rings](#)

Membrane Sealing Ring 38Mm Diameter (Pack Of 10).



Pressure Pad 38mm/1.5 Inch Diameter.

Code: [25-5050](#)

Product Group: [Pressure Pads](#)

38 mm / 1.5 Inch diameter pressure pad. The pad shall have two empty ports and will come complete with two blanking plugs, plastic tubing and connector. Suitable For both drained and undrained tests.

Standards

ASTM D2850, ASTM D4767, ASTM D7181, AASHTO T296, AASHTO T297



Suction Membrane Device 38mm/1.5 Inch Diameter.

Code: [25-5100](#)

Product Group: [Suction Membrane Devices](#), [Suction Membrane Device](#)

Suction Membrane Device For 38Mm/1.5 Inch Samples.



Two Part Split Mould 38mm

Code: [25-5130](#)

Product Group: [Two-way Split Moulds](#), [Two-Part Split Mould](#)