STANDARD TRIAXIAL CELLS

The cell essentially consists of a transparent polycarbonate chamber which has a piston assembly fit to the top and a double flange base fit to the bottom. Three (or six) simple thumbscrew are used to clamp the upper part of the cell to the base, which make assembly and disassembly a very quick and simple operation. The base of the cell has four inlet points for top and drainage/back pressure, cell pressure and bottom drainage/pore water pressure.

Pedestal , top caps, porous disc, rubber membranes, sealing rings and other accessoreis are not included, pease see the table here below or Releted Products.

STANDARD TRIAXIAL CELLS

SPECIFICATION

Cell model	**28-WF0410/B**	**28-WF0411/B**	**28-WF0416/B**
Max. specimen size Dia. x height	50x100	70x140	100x200
Max. working pressure	1700 kPa	1700 kPa	1700 kPa
Max. load on the piston	45 kN	45 kN	45 kN
Max height	380 mm	440 mm	515 mm
Diameter	140 mm	174 mm	200 mm
Weight approx.:	4 kg	7.3 kg	14.3 kg

STANDARDS

- BS 1377:6
- BS 1377:7
- ASTM D2850
- ASTM D4767
- BS 1377:8
- ASTM D7181
- EN 17892-8
- EN 17892-9

FEATURES

- Maximum working pressure of **1700 kPa**
- Light alloy construction, stainless steel ram and O-ring seal
- Suitable fo**r submersible and/or external load cell**
- **Four on/off no-volume changes** valves fitted as standard
- For sample sizes between **35 and 100 mm** dia.
- Suitable for **total and effective stress** tests
- **Rapid assembly design**
- Cells are designed to accommodate a specimen with a height twice its diameter
- Pedestal, top caps, porous disc, rubber membranes and sealing rings are not included. See accessories.

ACCESSORIES

28-WF0410/B5

Piston locking device to hold the triaxial cell ram on triaxial cell modell 28-WF041X/B

28-WF4005/39

Adaptor to fix standard triaxial cell on TRITECH50or TRITECH100 triaxial frame

ORDERING CODE

28-WF0410/B

Standard triaxial cell for sample sizes 35 to 50 mm sample diameter.

28-WF0411/B

Standard triaxial cell for sample sizes 35 to 70 mm sample diameter.

28-WF0416/B

Standard triaxial cell for sample sizes 35 to 100 mm diameter.