Advanced triaxial cells *(continued)*

Advanced triaxial cell accessories

Cell type	Sample size	Conversion set *	Top cap vacuum type **
WF 12493	1.4"	*WF 11122*	*WF 12401*
WF 12493	38 mm	*WF 11121*	*WF 12416*
WF 12493	50 mm	*WF 11125*	*WF 12417*
WF 12492	2.8"	*WF 11138*	*WF 12402*
WF 12492	70 mm	*WF 11139*	*WF 12418*
WF 12491	100 mm	*WF 11140*	*WF 12419*

* Conversion set consisting of pedestal, top cap & drainage lead,
** Required to perform extension tests (where the axial stress applied to the sample is less than cell pressure)

All other sample accessories are mentioned in the standard triaxial cell section (related to the same sample size) of the catalogue. *See page 29*

Control system and data acquisition

WF 12512

Closed loop stress path system , complete with 16 bit control and data acquisition system, cabinet, two screw control cylinders, pressure transducers, axial strain transducer, submersible load cell, volume change transducer, operating software and p.c. 230 V, 50 Hz, 1ph.

WF 12513

Same as above, but 110 V, 60 Hz, 1ph.

Specification

	capacity	resolution
Controllers		
Pressure:	2000 kPa	1 kPa
Capacity:	200 cc	0.001 cc
Transducers		
Volume:	100 cc	0,01 cc
Pressure:	2000 kPa	1 kPa
Submersible load cell:	5 kN	1N
Axial strain transducer:	50 mm	0,01 mm

Power supply: 230 V, 50 Hz, 1ph. or 110 v, 60 Hz, 1 ph.
Overall dimensions: 2000x2000x250 mm
Weight approx.: 250 kg

Software description

The Windows® software allows the following tests to be controlled and performed:
- Saturation ramps
- Isotropic Consolidation
- B check
- Anisotropic consolidation
- Ko consolidation
- Quick Undrained
- Consolidated undrained with pore water pressure measurement
- Consolidated drained with volume change measurement
- Extension tests
- Stress path

The systems WF 12512 and WF 12513 do not include the triaxial cells and accessories for 38 to 150 mm diameter, that must be ordered separately.