

HOEK CELLS FOR TRIAXIAL TEST

For cylindrical rock samples, cell length is twice the diameter. The cells are complete with caps, sleeve, high pressure joints and pistons. A kit of 5-6 sleeves and the couple of platens (load spreaders) are suggested.

TS 708/AX	HOEK AX TRIAXIAL CELL 30.10 mm dia.
TS 708/AXM	RUBBER SLEEVE FOR TS 708/AX
TS 710/3	COUPLE OF PLATENS FOR TS 708/AX
TS 708/C	HOEK AX TRIAXIAL CELL 1.5" 38.10 mm dia.
TS 708/CM	RUBBER SLEEVE FOR TS 708/C
TS 710/4	COUPLE OF PLATENS FOR TS 708/C
TS 708/BX	HOEK BX TRIAXIAL CELL 42.05 mm dia.
TS 708/BXM	RUBBER SLEEVE FOR TS 708/BX
TS 710/5	COUPLE OF PLATENS FOR TS 708/BX
TS 708/NX	HOEK NX TRIAXIAL CELL. 54.75 mm dia.
TS 708/NXM	RUBBER SLEEVE FOR TS 708/NX
TS 710/7	COUPLE OF PLATENS FOR TS 708/NX



TS 709

TS 709/A AUTOMATIC PRESSURIZER

For use in combination with compression tester for performing tests with Hoek cells. The assembly comprises:

- Electro hydraulic power pack with proportional electrovalve for regulation.
- 150 mm diameter (class 0.5) dial gauge, 0-1000 bar
- Hydraulic hose with quick coupling
- Power supply: 220 V, 50 Hz, single phase
- Dimensions: 650 x 550 x 1200 (h) mm. Weight: 110 kg

N.B. The Hoek cell is positioned between the platens of a compression testing machine, generally a concrete tester with its ball seating blocked. If required, such a machine can be found in section 16.

TS 709 DIGITAL ELECTRIC PRESSURIZER

Enables pressurization of Hoek cells up to 700 bar. It is regulated via a particularly sensitive, multi-rotational flow valve. Pressure is measured by an electric transducer and relevant Monotronic digital control unit.

Flanking the high pressure pump is a second pump of high capacity for rapid filling of Hoek cell.

Supplied complete with hydraulic pipes and fittings.

Power supply: 220V, single phase, 50 Hz

Dimensions: 700 x 700 x 1300 (h) mm. Weight: 90 kg.

TS 710/C BALL SEATING BLOCKING DEVICE

TS 715 EXTRUDER FOR ROCK SAMPLES

Used for extruding rock samples directly from Hoek cells thus avoiding having to extract rubber sleeves or drain the confining fluid. Incorporates a rack and pinion mechanism mounted in a metal frame.



TS 709/A

The extruder is supplied without adaptor sets for the various diameters of Hoek cells to be ordered separately.

Dimensions: 600 x 300 x 300 mm. Weight : 12 kg

Accessories:

TS 715/AX	Adaptor set for Hoek AX cell (30.10 mm dia)
TS 715/C	Adaptor set for Hoek AX cell (38.10 mm dia)
TS 715/BX	Adaptor set for Hoek BX cell (42.05 mm dia)
TS 715/NX	Adaptor set for Hoek NX cell (54.75 mm dia)

Each adaptor set comprises a back plate adaptor, cell body support and extruder shaft head.