



TRIAXIAL CELLS

The complete range of HEICO Triaxial Cells have their top and base assemblies machined from dur-aluminium or non corrosive alloy. The upper assembly, with a seamless acrylic tube, is clamped to the base by quick action studs. The stainless steel loading ram passes through linear bearing, and a seal making the transfer bar 100% leak proof. The test procedure confirms to IS-2720 Part-XII.

●● HS28.05

Triaxial Cell for 38/50 mm diameter x 76/100 mm high specimen

Suitable for lateral pressure up to 1000 kpa, the cell has four take off positions drilled in the base for cell pressure, pore water pressure, and for top and bottom drainage.

Fitted with 3 no-volume change valves and one dead end plug. Cell is supplied complete with one loading pad, two porous stones, one sheath stretcher, one split sand former, 10 latex rubber sheaths and four sealing rings for 38/50 mm dia samples



HS 28.05

●● HS28.10

Triaxial Cell for 38/50 mm dia x 76/100 mm high specimen

Same as HS28.05 except that the acrylic tube is reinforced for the cell to withstand a maximum lateral pressure of 2000kpa. It is complete with all accessories .

Common optional accessories for above models -

HS28.05.1 No-volume change valve.

HS28.05.2 Three part split mould with collar, base plate and clamp for 38 mm dia x 76 mm long specimen and 50mm dia*100 mm long specimen.

HS28.05.3 Set of drained test on 38/50 mm dia specimen consisting of :

- a Perforated pressure pad, complete with P.V.C.connecting tube - 01 No.
- b Set of porous stones (HS28.05.4)

HS28.05.4 Set of two porous stones 38/50 mm dia x 6 mm thick.

HS28.05.5 Sheath stretcher for 38/50 mm dia sheaths.

HS28.05.6 Rubber sheaths for 38/50 mm dia specimen (pack of 10)

HS28.05.7 Sealing O-rings for 38/50 mm dia specimen (pack of 10)



UNIVERSAL TRIAXIAL CELLS

Suitable for performing triaxial tests on soil specimens of varying diameters from 38 mm to 100 mm with lateral pressure up to 2000 kpa. The cell has four take off positions and is fitted with three no volume change valves as in HS28.05. Supplied complete with one set of following accessories for each of 38 mm, 50 mm, 75 mm and 100 mm dia specimens.

Accessories are one pedestal, one loading pad, top drainage connection, pair of plain discs, pair of porous stones, one split sand former, one sheath stretcher, rubber sheaths (pack of ten) and four sealing O-rings for sizes varying from 38-100 mm dia specimen.

●● HS28.30

Universal Triaxial Cell

Pressure Range - 1000 Kpa



HS 28.30

●● HS28.35

Universal Triaxial Cell.

Pressure Range - 2000 Kpa

Same as HS28.30 except that the acrylic tube is reinforced so that the cell can withstand a maximum lateral pressure of 2000kpa. Test is performed as per IS:2720 (Part-12).

Common optional accessories for above models -

HS28.30.1 Three part Split mould complete with base plate and collar for 50 mm dia and 100 mm long specimen.

HS28.30.2 Three Part Split mould similar to HS28.30.1 but for 75 mm dia x 150 mm long specimen.

HS28.30.3 Three part Split mould similar to HS28.30.1 but for 100 mm dia and 200 mm long specimen.

HS28.30.4 Set of Drained Test on 50 mm dia specimen. Similar to HS28.05.3 but for 50 mm dia specimen consisting of :-

- a Perforated loading pad with P.V.C. Connecting tube
- b Set of HS28.30.7 porous stones
- c No volume change valve for cell base.

HS28.30.5 Set of Drained Tests on 75 mm dia specimen. Similar to HS28.30.4 but for 75 mm dia specimen.

HS28.30.6 Set of Drained tests on 100 mm dia specimen. Similar to HS28.30.4 but for 100 mm dia specimen.

HS28.05.5 Sheath stretcher for 38 mm dia sheaths.

HS28.30.10 Sheath stretcher for 50 mm dia sheaths.

HS28.30.11 Sheath stretcher for 75 mm dia sheaths.

HS28.30.12 Sheath stretcher for 100 mm dia sheaths.

HS28.05.6 Rubber Sheaths for 50 mm dia specimens, pack of 10.

HS28.30.14 Rubber sheaths for 75 mm dia specimens, pack of 10.

HS28.30.15 Rubber sheaths for 100 mm dia specimen, pack of 10.

HS28.05.7 Sealing O-rings for 38 mm dia specimen, pack of 10.

HS28.30.16 Sealing O-rings for 50 mm dia specimen, pack of 10.

HS28.30.17 Sealing O-rings for 75 mm dia specimen, pack of 10.

HS28.30.18 Sealing O-rings for 100 mm dia specimen, pack of 10.

HS28.05.4 Set of two porous stones 38 mm dia x 6 mm thick.

HS28.30.7 Set of two porous stones 50 mm dia x 12 mm thick.

HS28.30.8 Set of two porous stones 75 mm dia x 12 mm thick.

HS28.30.9 Set of two porous stones 100 mm dia x 12 mm thick