



Triaxial Cells, Cell and Sample Preparation Accessories

UTS-2400 Standard Triaxial cell for 38 and 50 mm dia. samples
UTS-2401 Standard Triaxial cell for 70 and 100 mm dia. samples

The cell has been designed and treated to minimize 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 a special lubricant to reduce friction to a minimum and eliminate water leakage. The piston load capacity is designed to accept high axial loads 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.

Each cell will accept a range of base adaptors and various accessories for testing a wide range of specimens.

The cell capacity is designed to tolerate confining pressures as high as 1700 kPa which is enough for simulating most in-situ conditions.



	UTS-2400	UTS-2401
Dimensions	150x150x300 mm	200x200x400 mm
Weight (approx.)	5 kg	8 kg

Cell Accessories

Sample Diameter(mm)	38	50	70	100	UU Test	CU CD Test
Base Adaptor	UTS-2420	UTS-2450	UTS-2470	UTS-2500	YES	YES
Porous Top Cap	UTS-2421	UTS-2451	UTS-2471	UTS-2501	YES	YES
Nylon Tubing for Drainage	UTS-2422	UTS-2452	UTS-2472	UTS-2502	--	YES
Pair of Porous Discs	UTS-2423	UTS-2453	UTS-2473	UTS-2503	--	YES
Rubber Membrane	UTS-2424	UTS-2454	UTS-2474	UTS-2504	YES	YES
Membrane Placing Tool (Strecher)	UTS-2425	UTS-2455	UTS-2475	UTS-2505	YES	YES
O Ring(10 pcs.)	UTS-2426	UTS-2456	UTS-2476	UTS-2506	YES	YES
O Ring Placing Tool	UTS-2427	UTS-2457	UTS-2477	UTS-2507	YES	YES
Lateral Filter Paper(50 pcs.)	UTS-2428	UTS-2458	UTS-2478	UTS-2508	--	YES
Filter Paper Discs(100 pcs.)	UTS-2429	UTS-2459	UTS-2479	UTS-2509	--	YES
Plastic Discs (2 pcs.)	UTS-2430	UTS-2460	UTS-2480	UTS-2510	YES	--



Sample Preparation Accessories

Sample Diameter(mm)	38	50	70	100
Split Sand Former	UTS-2431	UTS-2461	UTS-2481	UTS-2511
Split Mould	UTS-2432	UTS-2462	UTS-2482	UTS-2512
Cutter	UTS-2436	UTS-2466	UTS-2486	UTS-2516
Aluminium Dolly	UTS-2437	UTS-2467	UTS-2487	UTS-2517

