



siccion marketing, inc.
setting the standards...

SURVEYING • MATERIALS TESTING • TECHNICAL SERVICES



CONTROLS

AUTOTRIAX2 EmS

Automatic triaxial tests system

Advanced technologies for
powerful triaxial tests

Standards

BS 1377:7 | ASTM D2850 | ASTM D4767
| BS 1377:8 | BS 1377:6 | ASTM D7181

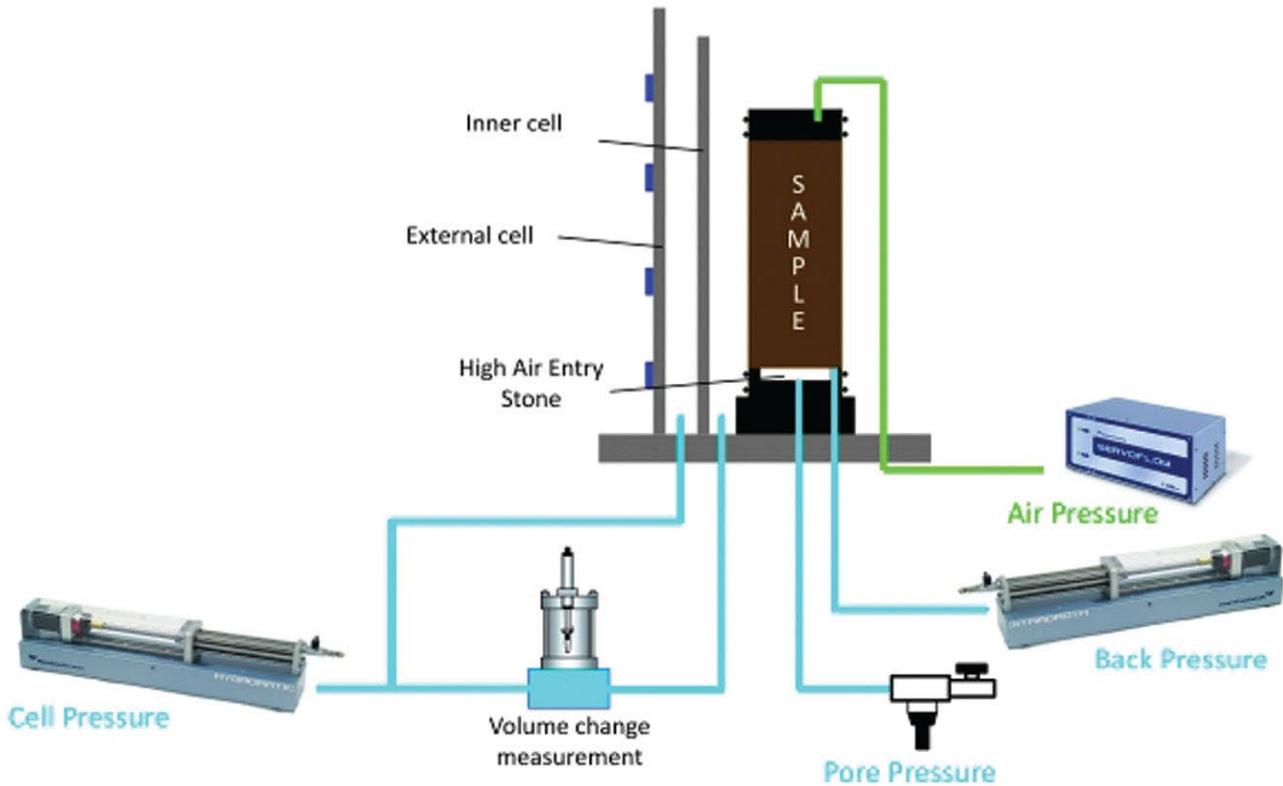


Type of Tests:

- Total and effective stress, stress path, K_0 permeability and unsaturated soils; Constant Rate of Strain (CRS), Hydraulic consolidation, California Bearing Ratio (CBR), Unconfined Compression (UC)
- Total and effective stress tests as UU (Unconsolidated undrained), CU (Consolidated undrained) and CD (consolidated drained) under isotropic conditions according to ASTM and BS Standards;
- Stress Path tests following MIT and Cambridge methods;
- K_0 anisotropic cross section controlled tests;
- Permeability tests in triaxial cells according to BS 1377: 6;
- Unsaturated soil triaxial test with control of matric suction using the axis translation method
- Manages pressure/volume controller, load frames, cell and back pressures, solenoid valves and transducers
- Transmits data and information between the software and all the active components
- Calibration data of connected transducers are saved in the firmware of the units
- Four different versions are available to offer maximum flexibility
- Can be stacked vertically reducing the footprint on the work bench
- The modular design concept allows easy extension of the system

AUTOTRIAX² EmS

Axis translation method



Technical Specification:

Analogue/digital converter: 16-bit

Additional transducer gain ranges: +/-20mV and +/-10V

Ethernet connection to PC: 100Mb

Dimensions: WFD1A2 or WFD0A3: W330 x D40 x H144mm, WFD0A1 or WFD0A1/

UNS W330 x D240 x H70mm

Weight: 5kg

Power Supply: 110-240V 50/60 Hz, 1ph



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