

## UNSATURATED SOIL TRIAXIAL TEST APPARATUS Model No. DTC- 483



The actual product differed from the above.

### Outline:

This compact designed triaxial test apparatus with multi-function is used for Unsaturated soil triaxial test. Certainly, it can do Saturated Soil Triaxial Test.

### Feature:

1. Water line of pedestal including pore water pressure transducer has few volume changes and has a structure which can exhaust easily. Therefore, it can check a very small change of the pore water pressure by taking de-aired water arranged by the main unit
2. As the loading frame is single supporting column, it can do setting of specimen and test with no trouble.
3. Mechanical jack takes ball screw. And it can do smooth driving with very small torque.
4. No vibration to the table because it takes small DC servo motor. It can set wide speed range.

### Specification:

Specimen size: Dia.50× 100mmH

Loading capacity of loading frame 5kN

Loading speed 0.004 to 2.0mm/min Step-less variable type

Speed indicator Digital actual speed display type

Loading frame Single supporting column, Max. loading 10kN

Driving motor DC Servo Motor 40W

Vertical loading Stress control, Bellofram cylinder (Capacity: 2kN) type

Confining pressure Max. 1MPa

Volume meter Double tube burette type, 25ml, With differential pressure transducer

External volume meter Inner cell type, 25ml, With differential pressure transducer

Ceramic filter AEV=200kPa Standard



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