

Soil & Rock Testing Apparatus *Seiken, Inc.*

CONSTANT VOLUME DIRECT SHEAR TEST APPARATUS

Model No. DTA-101

(In conformity to JGS 0560-2000, Soil consolidation constant value unconfining shearing test method)

* JGS means The Japan Geotechnical Society



Feature

1. Both Constant value and Constant pressure shear tests are possible.
2. It takes compact and simple structure, and it makes the handling easily.
3. Shearing box has unique function which can do up-down movement freely without unstable motion due to the special ball bearing system.

**It's a Definitive utility model
of Improved direct shear test
apparatus!**

Specification

Specimen Size: Dia.60× 20mm (or Dia.60× 10mm is possible)

Shearing Load: Loading capacity: 2kN, Speed: 0.01 – 1.0mm/min., Step-less variable type by DC monitor and Electric Taco-meter control, Measuring: Proving ring type, Capacity: 2kN (or 1kN is possible.)

Vertical Load: Loading capacity 800kN/m², Leverage loading type (Lever ratio 1:10)

Weight: For 0.1kgf/cm²X1pc., for 0.5kgf/cm²X4pcs. and for 1.0kgf/cm²X6pcs.

Measurement: Proving ring type, Capacity: 2kN

Shearing/Vertical load measurement: Dial gauge type, 1/100× 30mm

Accessories: Ring cutter, Straight edge and Spatula

Note: You can take Load cell or Electric displacement transducer as your request. (Option)



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