

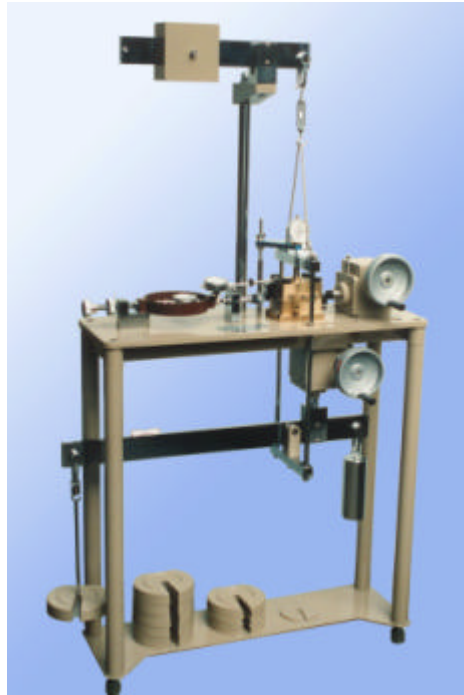
DIRECT SHEAR TEST APPARATUS

Model No. DTA-100 Series

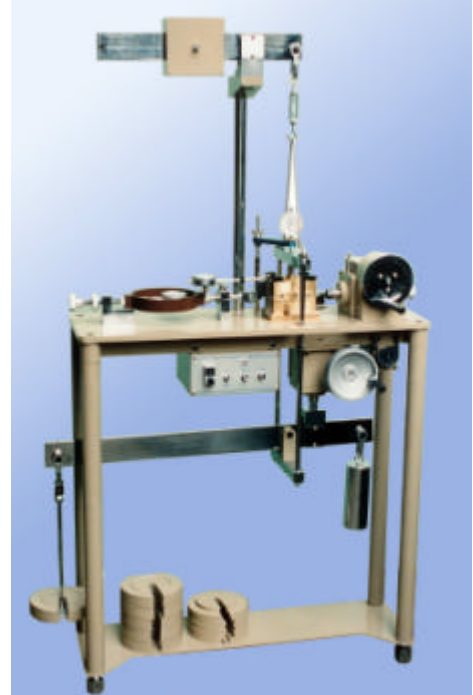
Page No. 1/2

(Conforms to JGS 0561-2000, Soil consolidation constant pressure unconfined shearing test method)

* JGS means The Japan Geotechnical Society



Model No. DTA-100D (Manual type)



Model No. DTA-100E (Electric type)

Feature

1. **Friction-less Structure** ... It can adjust the interval between the upper and lower shearing boxes. Each part of the shearing system takes Ball bearing.
2. **Shearing box:** It takes **Simple and useful structure** (Free-Upper box and Following-Lower box), and has **no unclear machinery error due to the complexity.**
3. **Wide and useful testing table and Level adjustable legs.**

Specification

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



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Shearing Load: Loading capacity: 2kN, Measuring: Proving ring type, Capacity: 2kN (or 1kN is possible)

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

Balance Weight: For 1kN/m²X1pc., for 50kN/m²X4pcs. & for 100kN/m²X6pcs.

Measuring: Proving ring: Capacity 2kN

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

Speed:

DTA-100D: Shearing load, Manual type Handle: 0.06mm/1 revolution

DTA-100E: Shearing load, Electric type: 0.01-1.0mm/min., Step-less variable type

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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