

Triaxial Test Set (SO-600)

The triaxial test set provides test load up to 300 kgf at any speed from 0.00 to 3.00 per minute. This feature provides the capability for use in application such as constant rate of load and constant rate of stress. The triaxial test has direct digital reading for pore pressure measuring and single switch for loading or unloading of sample making it extremely easy to use. A movable cross-head allows a wide range of sample size to be tested with simple adjustment. Optional proving rings for load measuring device are available for accurate Load measurement up to the capacity of the unit.

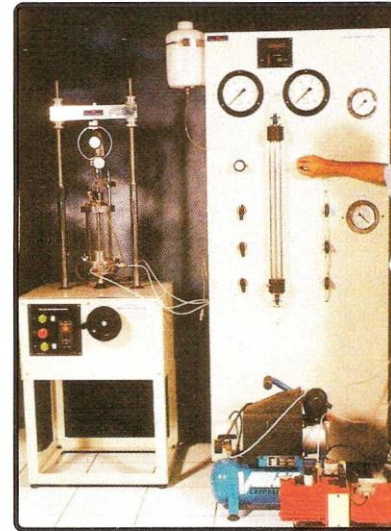
Testing Standard
ASTM D-2850

Specification

Capacity : 300 kgf
 Loading Speed : 0.00 to 3.00 per minute
 Cell (Specimen) size : 35 mm and 50 mm maximum
 Controls : Power on-off switch; direct digital reading for pore pressure measurement; fast advanced selector switch
 Dimension (l x w x h) : 200 x 160 x 80 cm
 Gross Weight : 65 kg

Consist of

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|------------|---|--------|
| MS-600.1 | Triaxial Compression Machine hand operated and motorized/220volt. | 1 set |
| MS-600.2 | Load ring 350 kgf (included calibration certificate) | 1 set |
| MS-600.3 | Control Panel (the compact assembly) | 1 set |
| MS-600.3.1 | Air regulator and pressure gauge 10 kg/cm2 (CP) and volume change 50 ml capacity | 1set |
| MS-600.3.2 | Air regulator and pressure gauge 10 kg/cm2 (BP) and volume change 50 ml capacity | 1set |
| MS-600.3.3 | Pressure Pump and pressure gauge 10 kg/cm2 (PP) with mercury manometer and null indicator | 1set |
| MS-600.4 | Triaxial cell chamber with sample pad dia. 35 mm and 50 mm | 1set |
| MS-600.5 | air compressor 8 kg/cm2 /220volt | 1set |
| MS-600.6 | 0. ring placing tool diameter 35 mm and 50 mm | 1set |
| MS-600.7 | suction membrane device diameter 35 mm and 50 mm | 1set |
| MS-600.8 | Two way split former diameter 35 mm x 70 mm and 50 mm x 100 mm | 1set |
| MS-600.9 | Sample tube diameter 35 mm x 70 mm and 50 mm x 100 mm | 1set |
| MS-600.10 | Rubber membrane diameter 35 mm | 10 pcs |
| MS-600.11 | Rubber membrane diameter 50mm | 10 pcs |
| MS-600.12 | Membrane sealing ring for sample 35 mm diameter | 4pcs |
| MS-600.13 | Membrane sealing ring for sample 50 mm diameter | 4pcs |



SO-600



SO-700

Hydraulic Cone Penetrometer (SO-700)

Testing Standard
ASTM D-3441

For determining cone resistance and friction resistance of soil layer
 Specification:

Max Driving Capacity : 10.000 kg
 Max Pulling Capacity : 15.000 kg
 Stroke of Cylinder : 1250 mm
 Sonding Speed : 2 cm/sec

Consist of :

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|-----------|-------------------------------|----------|
| SO-700.1 | Hydraulic Driving Appliance | : 1 unit |
| SO-700.2 | Engine Pump / Gasoline Engine | : 1 unit |
| SO-700.3 | Sonding Rod + Plunger | : 20 set |
| SO-700.4 | Push and Pull Adaptor | : 1 set |
| SO-700.5 | Spiral Ancor | : 4 pcs |
| SO-700.6 | Handle T-Piece | : 1 pc |
| SO-700.7 | Mantel Cone | : 1 set |
| SO-700.8 | Friction Cone | : 1 set |
| SO-700.9 | Fasten Press | : 2 pc |
| SO-700.10 | Wrench Set | : 1 set |
| GE-677 | Manometer 60 kg/cm2 | : 1 pc |
| | Manometer 1000 kg/cm2 | : 1 pc |