

UNIVERSAL MULTI SPEED
LOAD FRAME TO CBR AND
UNCONFINED TESTS



SOIL

Universal Multispeed Load Frame to Cbr And Unconfined Test System



PRODUCT MODEL

TMS-4630 | Universal Multispeed Load Frame to Cbr And Unconfined Test System

TMG-0902 | Load Cell 2,5 kN Capacity - S type

TMG-0914 | Load Ring 5 kN Capacity

STANDARDS

ASTM D-2166 | AASHTO T-208 | ASTM D-1663 | ASTM D-1883

INFORMATION

Manufacturer : TESTMAK INS.LAB.MAK.SAN.VE TİC. PAZ. İTH. İHR. LTD. STİ

Country of Origin : TURKEY

Product Name: Universal Multispeed Load Frame to Cbr And Unconfined Test System

Code of Product: TMS-4630

Universal Multispeed Load Frame to Cbr And Unconfined Test System

DESCRIPTION

The Multi Speed Universal Electromechanic Test Machine load frame provides compression/extension testing for a number of geotechnical tests that must have accurate control of the rate of displacement during loading. With accessories, the unit can perform unconfined compression, CBR, and triaxial shear phase testing.

The base unit includes a stepper motor, lead screw, vertical tension rods and crosshead, displacement transducer, electronic controls and network communications. Versions of the unit are available to test loads up to 50 kN . Displacement rates can be set to any value between from 0.05 to 51 mm/min.

The base unit can run in stand-alone mode without a computer. It includes built-in data acquisition and display capability. Sensor readings are displayed in SI or English units and stored in memory.

Optional software running in Windows® completely automates the test, reducing the data and preparing test results.

Applicable Test Standards

- ASTM D-2166, AASHTO T-208 Unconfined Compression Testing of Soils
- ASTM D-1663 Compressive Strength of Molded Soil-Cement Cylinders
- ASTM D-1883 "Standard Method for CBR"

Accessories to perform Unconfined compression on soil specimens according to ASTM D2166, BS 1377:7 and AASHTO T208

- Load cell, 2.5 kN capacity
- Adapter to fit load cell (two pieces)
- Displacement transducer, 25mm travel
- Load cell extension
- Platens for unconfined compression
- PC software for CBR, Marshall, Indirect tensile and universal tests.

Technical Specifications	
Motor	Stepper motor with built-in controls
Travel	Built-in displacement transducer with 76 mm
Displacement	from 0.05 to 51 mm/min
Dimensions	470x550x1210 mm
Weight	58 kg
Power	110 / 220 V, 50/60 Hz, 1phase



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