

**AUTOMATIC MACHINE FOR CBR AND MARSHALL WITH
LOAD FRAME (MARSHALL: ASPHALT ANALYSIS METHOD)**

Brand: TEST

Code: TT AUT-MARSHALL-CBR

REFERENCIAL IMAGE



PURCHASING
QUOTATION
PLEASE CONTACT

Equipment used in stability testing processes for mixtures of asphalt, soils and other materials in order to accurately evaluate the breaking point of the mixture of asphalt, soils and other materials.

Features the following:

Marshall Asphalts

Indirect traction

Direct cut

Auto SCB, fracture test.

Floors

Unconfined compression.

Concretes

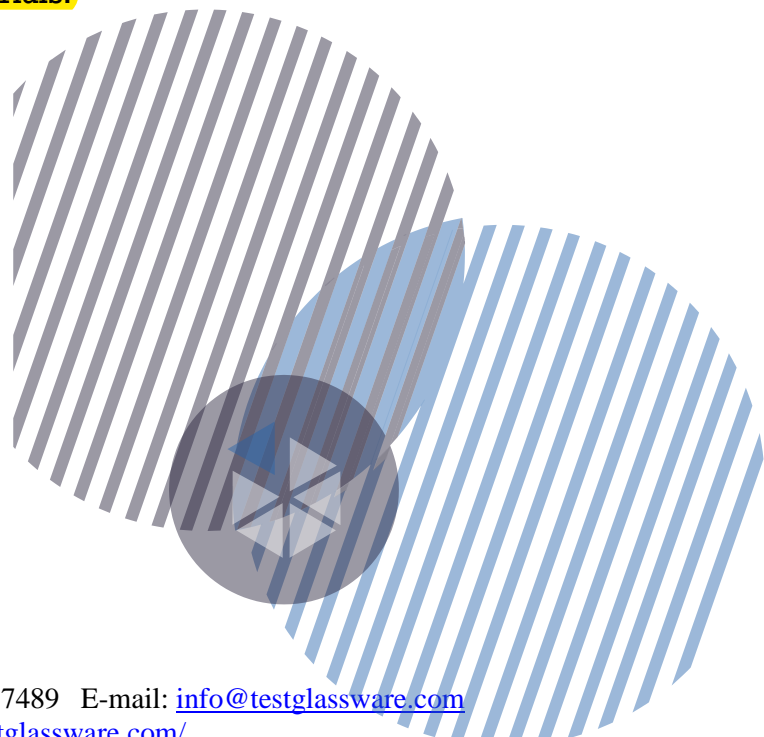
Bending in beams

EIN 37-1939950

11300 NW 87 CT STE 150
HIALEAH, FL 33018

Telephone: 786 816 7489 E-mail: info@testglassware.com

Website: <https://testglassware.com/>



Flexure in tiles and cement

Compression bending in cubes.

Stress in mortars.

Clay

Punctured. rocks and stones

Uniaxial indirect stress

Includes:

General List:

1X AUTOMATIC MACHINE FOR CBR AND MARSHALL WITH LOAD FRAME

1X 2.5KN and 50KN LOAD CELL

1X LINEAR DISPLACEMENT TRANSDUCER

1X MARSHALL SOFTWARE

1X SOFTWARE CBR test and SIMPLE COMPRESSION

1X PENETRATION RAMMER FOR CBR TEST AND UPPER AND LOWER
COMPRESSION PLATES

1X TRANSDUCER HOLDING CLAMPS AND MOUNTING DEVICES

1X MARSHALL STABILITY MOLD.

1X LOAD PRESS FOR MARSHALL MOLD.

6X MARSHALL COMPACTION MOLD

1X UNIVERSAL EXTRACTOR OR 4" and 6" EXTRACTOR JACK.

Detailed List:

1X TL505 TRIAXIAL LOAD FRAME 50KN (DIGITAL)

1X TL765 Z BEAM LOAD CELL 50KN

1X TL773 ADAPTOR FOR Z BEAM TO TRIAXIAL

1X TL084 UNCONFINED COMPRESSION ASSEMBLY

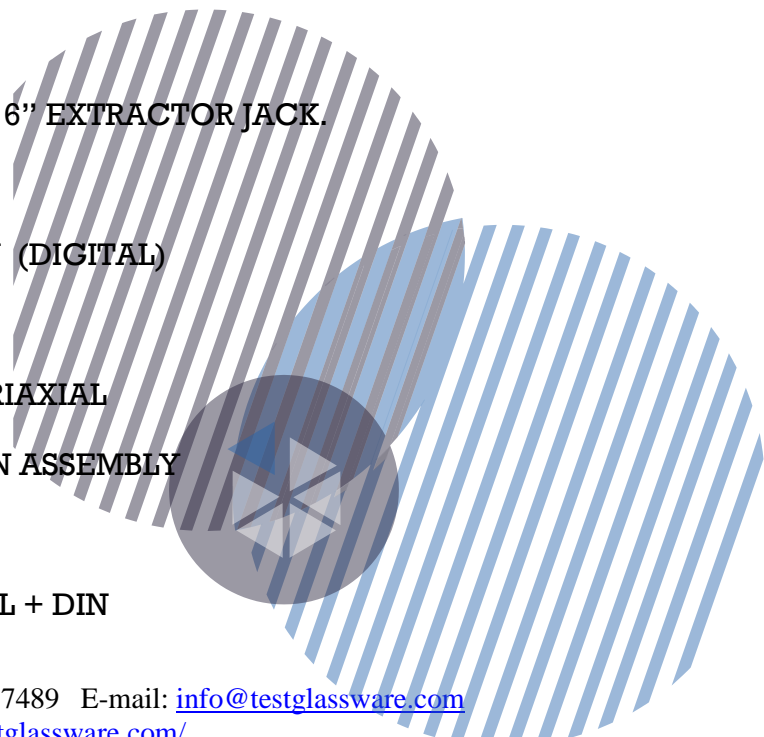
1X TL727 BRACKET FOR LSCT

1X TSL722 TRANSDUCER 25MM TRAVEL + DIN

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- 1X TLL99 LOGGER FOR TRIAXIAL 8 CHANNEL
- 1X TL715 CABLE-SERIAL FOR ALL DATA LOGGERS
- 1X TM240 LOGGER FOR CBR DUAL DIGITAL DISPLAY
- 1X TL715 CABLE-SERIAL FOR ALL DATA LOGGERS
- 1X TL794 CBR SOFTWARE
- 1X TL091 FOR CBR PENETRATION PISTON
- 1X TL092 PENETRATION BRACKET & ADAPTOR
- 1X TL773 ADAPTOR FOR Z BEAM TO TRIAXIAL
- 1X TL082 CBR STABILIZING BAR

Full Specifications

Adjustable speed from 0.01 to 51 mm/min.

Adjustable load rate from 1 to 15000 n/sec.

Maximum travel of the load piston 100 mm. - max.

Vertical light: 850 mm

Speed 1.20 mm/minute.

Marshall speed 50 mm/minute.

CONFIGURED ACCESSORIES

1. 2.5KN (1 unit) and 50KN (1 unit) LOAD CELL
2. LINEAR DISPLACEMENT TRANSDUCER 50 mm travel (1 unit)
3. MARSHALL APP: Automatically records and graphs load and displacement data to determine maximum stability and flow of asphalt pavement mixes
4. APPLICATION FOR CBR AND SIMPLE COMPRESSION TESTS: Application for CBR test, Application for NON-confined Test test.
5. Penetration tamper for CBR test (1 unit), Upper (1 unit) and lower (1 unit) compression plates, 100 mm diameter, Spacer for plates (1 unit).
6. Transducer clamps and mounting devices (1 kit)
7. 4-inch diameter steel constructed Marshall stability mold (1 unit)
8. Rammer for Marshall mold (1 unit)

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9. MARSHALL compaction mold (6 units) to compact briquettes with a diameter of 4

inches (101.6mm). Must include Mold, collar, base.

10. Universal extractor for 4" and 6" diameter samples (1 kit). To extract Marshall samples, standard and modified CBR

