

DATASHEET

CBR TESTER

50 kN California Bearing Ratio (CBR) Tester



The CBR tester is a compact motorized compression system, especially designed to be placed on a bench.

It can perform the California Bearing Ratio (CBR) and all other compressive tests compatible with a fixed compression speed of 1.27 mm/min, at a maximum capacity of 50 kN. The CBR Tester is compatible for use with handles for calibration purposes, plus a limit switch is provided **to limit the lower levels of travel.**

You can add dedicated accessories (not included in the machine). The system can be equipped in both analog mode (with load ring and dial gauge) or digital mode, by using the Digimax Pro readout unit and relevant accessories.



Set for performing CBR tests (accessories have to be ordered separately).

Main features

Ideal solution for the automatic performance and elaboration of displacement-controlled CBR TEST.

- Updated compact design built with premium materials
- Fixed platen speed of 1.27 mm/min
- Simple 4-button user interface with emergency button
- 50 kN maximum capacity, suitable for testing 4" and 6" dia. specimens
- Compatible for use with both analog and digital configurations
- Compatible for use with new Digimax Pro (not included)

Models and Technical Specifications

Max. Load cap [kN]: 50
Power [W]: 180
Horizontal span [mm]: 270
Vertical span [mm]: 625
Speed range [mm/min]: 1,27
Type of control: Displacement
Overall dimensions (W x D x H) [mm]: 470 x 670 x 1130
Weight (machine only) [kg]: 90 Approx.
Single phase line voltage/Frequency: Mod. T1062: 230 V / 50 Hz Mod. T1063: 220 V / 60 Hz Mod. T1064: 110 V / 60 Hz

Ordering Information

34-T1062 CBR Motorized Loading Tester 230 V, 50 Hz
34-T1063 CBR Motorized Loading Tester 220 V, 60 Hz
34-T1064 CBR Motorized Loading Tester 110 V, 60 Hz

NOTE: Load cell and specific accessories are not included.

Standards

Soil tests		Triaxial Tests			Asphalt Tests					
CBR	Unconfined Compression	Quick Triaxial (UU)	Marshal	Indirect Tensile with 4 transducers	Splitting Tensile TSR Indirect Tensile Strength	Semi-Circular Bend SCB - IFIT	IDEAL-CT	IDEAL-RT	ISS	Interlayer bonding/ Shear Bond Test (Leutner)
EN 13286-47, ASTM D1883, AASHTO T193, BS 1377-4, NF P94-078, UNI CNR 10009	ASTM D2166, ASHTO T208, BS 1377:7 EN 17892:7	ASTM D2850, BS 1377:7 EN 17892:8	EN 12697-34, ASTM D1559, ASTM D5581, ASTM 6927, AASHTO T245, BS 598-107, NF P98-251-2, DIN 1996, CNR 30	CNR 134	EN 12697-12, EN 12697-23, ASTM D6931, AASHTO T283	EN 12697-44, ASTM D8044, AASHTO T393/TP124	ASTM D8225	ASTM WK71466	AASHTO TP114	EN 12697-48
✓*	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗

NOTE *Digital version may be required by standard

CONTROLS

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