Soil Compaction Tester

Model **offers** | Brand **Master Science** | Code **MSCLTDUSCTSWISS**



Soil Compaction Tester

Suitable for agriculture, landscaping, and construction to measure soil compaction and optimize conditions for plant growth and structural stability.

KEY HIGHLIGHTS

- Dual power options
- Power-off memory function
- Probe-to-probe consistency

Request a Quotation
Contact us for pricing, configuration options and delivery details.

support@themsci.com
www.themsci.com

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Key Features

SMALL AND LIGHTWEIGHT DESIGN, MAKING IT EASY TO CARRY.

Equipped with an LCD display for clear and user-friendly data visualization.

Supports unattended operation with both manual and timed data collection settings.

Automatically records and saves data for efficient and reliable monitoring.

Dual power options
supports both AC and DC.

Built-in 8.4V, 1500mAh lithium battery with advanced features:

LOW VOLTAGE ALERTS.

Long-term placement capability for precise location recording.

INCLUDES A 4GB MICRO SD CARD AS STANDARD EQUIPMENT.

Data can be read directly on the device or imported into a PC for detailed analysis.

Power-off memory function
Ensures saved data on the SD card is preserved even during unexpected power loss.

Probe-to-probe consistency
Can connect different sensor types via a concentrator without compromising measurement accuracy.

Features a system monitor and protection functions to safeguard against short circuits and external interference.

Technical Specifications

PARAMETER	SPECIFICATION
ParameterDetails	
Recording Time Interval5 minutes to 99 hours	
Position AccuracyThree decimal ±0.05 (≤50m)	
Measuring Range0–10000 kPa / 0–100 Kg/cm² / 0–1000 N/cm²	
Measuring Accuracy±0.5% FS	
Measuring Depth375 mm	
Power Supply8.4V high-capacity lithium battery	
Packing Size540 × 170 × 300 mm	
Gross Weight4 kg	

Provides accurate data for informed decisions in soil management and compaction assessment.