

Soil Compaction Meter

Features:

Handset:

- * Small and exquisite, easy to carry and LCD display.
- * Collect settings: working unattended can be set to timing or manual collect data, recording and save data automatically.
- * Both AC and DC available, internal lithium battery: 8.4v 1500mAh, with function: charging protection, low voltage prompt. Also can be placed for a long time to record location.
- * Storage capacity: up to 30,000 groups in handset, and standard equipped with 4G Micro SD.
- * Data can be read on handset and also import to PC.
- * Power-off memory function: data already saved in SD card won't lose when lose power.
- * Probe to probe Consistency, handset can connect different kinds sensor by concentrator without influence on accuracy.
- * Low-power design, equipped with system monitor and protection function to avoid short circuit or interference from external.



Software:

- * Showing the curve trends of each parameter, Max, Min, and Avg. Zoom in and out function.
- * Coloring the overrun area function which is visual display.
- * Save the data in EXCEL format as a copy.
- * Be able to view period of parameter or graph, and can be printed.
- * All curvilinear coordinates can be set and move, which make analysis easier.

Technical Parameter:

Model	SCM-750-II
Function	General type, display soil compaction(KPa, kg/cm ² , N/cm ²)directly, with data saving function
Range	0~10,000KPa; 0~100kg/cm ² ; 0~1,000N/cm ² (switchable)
Depth	0~375mm (measuring rod is 400mm)
Accuracy	±0.5‰ FS
Position Accuracy	Three decimal ±0.05(≤50m)
Storage Capacity	Almost up to 30,000 groups in handset, and equipped with 4G Micro SD
Data-Collection Interval	5min~99hour
Working Power Supply	Battery: 8.4V lithium battery; Power Adapter:100~240V 50/60Hz
Working Current	Stand-by power consumption 10mA, working power consumption according to the configuration
Package Size(L*W*H) mm	540*170*300
Gross Weight (kg)	4

Soil Aggregate Structure Meter

Introduction

Aggregate structure is the basis of fertility. The relationship between aggregate structure and soil fertility is mainly manifested in regulating the contradiction between soil moisture and air; coordinating the contradiction between soil nutrient consumption and accumulation; stabilizing soil temperature; improving soil tillage, which is conducive to the extension of crop root system.

Features:

- * Stable performance and low failure rate.
- * Stable No noise, adjustable speed.
- * Stable With the function of timing setting, the running time of tube display is concise and clear.
- * Stable With emergency stop switch, it is convenient to cut off power in time when abnormal phenomena occur in the test and stop working.



Technical Parameter:

Model	SAS-100
Oscillation Frequency	4-45 times / min
Operation Mode	Vertical movement, stroke 50mm
Timing Range	0-60 minutes
Speed	1450 rpm
Standard Configuration	Sieve: Size: 20cm, height: 5cm Specification: 10mm, 7mm, 5mm, 3mm, 2mm, 1mm, 0.5mm, 0.25mm Material: stainless steel Oscillating rack: 3 supports simultaneous determination of 3 samples
Power Supply	220V±20% 50/60Hz, 120W
External Size(L*W*H) mm	512*512*760
Package Size(L*W*H) mm	610*590*950
Gross Weight (kg)	53