

Soil Bulk Density Tester

Application:

The soil bulk density meter is suitable for on-site determination of the density of coarse-grained soil. It has a chassis, a sanding funnel, a bulk density bottle, and the valve is structurally strong and durable, and is made of stainless steel. The volume of the sand bottle is strictly calculated and the calibration error of the electronic balance is within 5g, which provides reliable data for the experiment. The sanding funnel is 135mm high and the volume of the sand bottle is 4L. The product also has a series of products (plastic, Iron sheet) is available.

Principle:

Using the ring cutter method, the guide rod and the drop hammer are used to apply natural pressure to the ring cutter without affecting the original structure of the soil.



Technical Parameters:

Model	BK-SDT4
Configuration	2 ring cutters, 1 orientation cylinder, 1 guide rod, 1 drop hammer, 2 knobs
Packing Size	410*310*250mm
Gross Weight	15kg

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 Parameters:

Model	SAS-100
Oscillation Frequency	4-45 times / min
Operation Mode	Vertical movement, stroke 50mm
Timing Range	0-60 minutes
Speed	1350 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
Consumption	120W
Power Supply	AC220V, 50/60Hz(Standard) AC110V, 50/60Hz(Optional, external transformer)
External Size(W*D*H)	512*512*760mm
Package Size(W*D*H)	610*590*950mm
Gross Weight	53kg

Leaf Thickness Gauge

Introduction:

The leaf thickness Gauge is mainly used to measure the leaf thickness of plants, so as to reflect the growth and nutritional status of plants through the measurement data.



Technical Parameters:

Model	LTG-1
Measuring Range	0~6mm
Resolution	0.01mm
Accuracy	0.015mm
Contact Area	Φ10 mm
Reader	Pointer
Net Weight	1kg

Plant Water Potential Analyzer



Features:

- * MPa and Bar are two measuring units for choice.
- * Powerful storage function, can store 4000 records.
- * Delete all measurement data with one click.
- * Upload the computer through the USB cable.
- * The data can be viewed in the form of reports, and you can choose the period of query.
- * Store the record data in EXCEL format backup and save, convenient call later.

Introduction:

Plant Water Potential Analyzer is a device which be used for testing the plant water regime, its composition and get the plant conduit juice and doing component analysis. Simple operation, fast test speed, can be indoor and outdoor test.

Technical Parameters:

Model	PWP-1
Measuring Range	0~3.5Mpa
Accuracy	0.01Mpa
Measuring Mode	Automatic and manual, one-button switch
Display	LCD
Battery	12V/2.5AH lithium battery with clock function
Package Size(W*D*H)	560*400*300mm; 630*400*300mm
Gross Weight	16kg; 16kg