

Soil&Plant&Seed Instruments Solution

Soil Auger Kits



Introduction:

Soil auger kits contains a complete set of soil borrowing accessories, which can be used to drill disturbed soil samples within 1-2 meters in soft soil areas or to drill 1-2 meters deep holes.

Soil auger is one of the main tools for collecting soil samples. The reliability, ease of operation and mobility of the borrow drill can not only reduce the workload of soil investigation, improve the efficiency of soil borrowing, but also expand the adaptability of soil sampling.

Features:

- * The sampler is made of stainless steel, without pollution to sample.
- * Pedal type, more convenient, fast, reduce the labor intensity.
- * Take 15-20cm of the soil samples each time.
- * The material is hard and the shape is not easy to be bent and twisted.
- * The exterior of the soil sampler is marked with scale values, each scale is 100mm, which provides a reference for taking soil samples of different depths.
- * The soil sampling head, the connecting pipe and the handle are all connected by thread, which does not occupy the volume after disassembly, and is convenient for transportation.
- * When it is necessary to measure soil moisture data, it can be used as the connecting rod of the soil moisture sensor.
- * The depth of sampling is: 1m, 1.5m, 2m.

Technical Parameters:

Model	BK-SAK2
Function	Drill disturbed soil samples within 1~2 meters in soft soil areas or to drill 1~2 meters deep holes
Total Length	1-2m adjustable
Accessories	1 brush, 1 spanner, 1 tape on 3 meters, 1 scraper, 1 handle, 1 head, and 4 tubes
Package Size(W*D*H)	700*330*180mm
Gross weight	8kg

Soil Multi-parameter Tester

Application:

It is used to detect available nitrogen, available phosphorus, available potassium, organic matter, soil pH and soil salinity in soil, plant, chemical fertilizer.

Features:

- * LCD display.
- * Print testing date, sample number, sample items, sample contents, variety.
- * Large capacity storage (time, place, fertilizers), datum can be checked at any time.
- * Quickly test the N, P, K, organic matter, salinity, and pH in the soil, fertilizer and plants.
- * With the function of time display, can automatically record and save the time of tested sample.
- * Can set crop variety, crop yield, fertilizer variety, and automatically count the fertilizing amount.



Technical Parameters:

Model	BK-Y6A	BK-Y6PC	BK-Y7PC
Soil Nutrient	Stability	Absorbency of light drift < 0.003	
	Repeatability	Absorbency of light < 0.005	
	Linearity Errors	Red light for copper sulfate, and blue light for potassium dichromate < 3.0%	
	Sensitivity	Red light $\geq 4.5 \times 10^{-5}$, Blue light $\geq 3.17 \times 10^{-3}$	
	Wavelength Range	Red light $620 \pm 5\text{nm}$; Blue light $440 \pm 5\text{nm}$	
pH	Anti-Knocking Performance	Qualified	
	Testing Range	1~14	
Salinity	Error	$\pm 0.5\%$	
	Testing Range	0.01%~1.00%	
Function	Error	$\pm 0.1\%$	
	Test N, P, K, organic matter, soil pH, soil salinity, with storage function, built-in the amount of nutrients needed for growth of 73 kinds of crops, can provide guidance for fertilizing amount according to needs, with printing function	On the basis of BK-Y6A, with a software, be able to connect to computer for data storage, tele-transmission and printing	Moisture: Moisture unit: g/m^3 Accuracy: $\pm 2\%$ Testing range: 0~100% On the basis of BK-Y6PC, but can measure soil moisture
Power Supply		AC110~240V, 50/60Hz	
Package Size(W*D*H)		700*400*250mm	
Gross Weight		10kg	