

BIOBASE



BK-Y6A | BK-Y6PC | BK-Y7PC

Soil Tester Nutrient Content Soil Nutrient Tester

Features:

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

Application:

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

Models:

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 $440 \pm 5 \text{nm}$		
	Anti- Knocking Performance	Qualified		
Ph	Testing Range	1~14		
	Error	$\pm 0.5\%$		
Salinity	Testing Range	0.01%~1.00%		
	Error	$\pm 5\%$		
Function	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 TPY-6A, with a software, be able to connect to computer for data storage, tele-transmission and printing	On the basis of TPY-6PC, but can measure soil moisture	
Power Supply	220V/110V $\pm 10\%$, 50/60Hz			

Packing Size(W*D*H) mm	670*385*215
Gross Weight	9kg