

## Soil Nutrient 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		Bovo5	Bovo6	Bovo7
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 BK-Y6A, with a software, be able to connect to computer for data storage, tele-transmission and printing	Moisture: Moisture unit: %(m /m Accuracy: $\pm 2\%$ Resolution: 0.1% Testing range: 0~100% On the basis of BK-Y6PC, but can measure soil moisture	
Power Supply	220V/110V $\pm 10\%$ , 50/60Hz			
Package Size(W*D*H)	670*385*215mm			
Gross Weight	9kg			