

Hand-held Pesticide Residue Meter

Overview:

This Handheld Pesticide Residue Test is portable, compact size and convenient to carry, adopts enzyme value method and shows the result of value. The pesticide residue is out of limits if 50% is positive, the higher of the value, the greater of the amount of residue.

Principle:

This Pesticide Residue Rapid Test is based on cholinesterase hydrolyzing acetylcholine. Its hydrolysate impacts DTMB, forming the yellow coupling things. Organophosphate pesticide can control enzyme. The changes of absorption value can show the degree of controlled enzyme and then reflect the pesticide residue in samples.



Area of Application:

Detect products: agricultural and sideline products, daily food, seafood and its products and so on. Detect object: rapid qualitative testing of organophosphate and carbamate pesticide residues. Applicable units: departments of industry and commerce, hygiene, quality supervision, agriculture, trade and so on; trade markets, supermarkets, wholesale markets for agricultural products, hotels, large dining rooms, bases for agricultural production and so on.

Features:

- * Without any calculating, showing the inspection result automatically.
- * Supporting storage of 500 records and transmission of USB.
- * Through testing of enzyme inhibition method.
- * Storing supplementary reagent in the refrigerator of 4-6°C, low cost.
- * Using half permanent light source, long life.
- * Exquisite design, easy to carry.

Technical Parameters:

Model	BK-NY1D
Power Supply	3.7V Lithium battery inside, 5V power outside
Storage	500 records(please upload the figure to epistatic machine when the saved figure will reach the upper limit, or the figure will lose, test after deleting the figure in host)
Display	LCD 128*64mm
Transmittance Accuracy	±3%
Transmittance Repeatability	±2%
Linear Error	±5%
Button	Panasonic soft button
PC Interface	USB
Working Environment	Temperature: 0~40°C, humidity: 35~85%
Packing Size(L*W*H)	580*210*450mm
Gross Weight	7kg

Plant Canopy Analyzer



Introduction:

The measuring instrument of plant canopy can be applied comprehensively to agricultural production and research. In order to investigate of the canopy energy resources, to measure the light intercept in plant canopy, to study the relationships between the plant growth, quality and the light energy utilization.

Features:

- * Integration design, it includes LCD, operation buttons, SD card plug and measure probe.
- * Menu operation is easy, small size and portable.
- * Large store capacity, convenient data management.
- * Manual and auto measure method are available.

Technical Parameters:

Model	PCA-PAR
Measuring Range	0~2700μmol/m ² ·s
Resolution	1μmol/m ² ·s
Response Time	10μs
Auto-collecting Interval	1~99min
Auto-collecting Times	1~99 times
Store Capacity	2GB(SD card)
Meter Length	750mm
Probe Length	500mm
Qty of Sensors	25pcs(Standard)
Power Supply	AA battery*2
Working Temp.	0~60°C
Package Size(W*D*H)	860*190*120mm
Gross Weight	3kg