

## Product Name: Pesticide Residue Tester

Model: NY-8DA / 16DA



### Instrument principle

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Pesticide Residue Meter is based on cholinesterase catalyzing acetylcholine, its hydrolysate impacts DTNB to form yellow AZO. Organophosphate pesticides has effect on enzyme. Through changes of absorption value show the degree of inhibition and further reflect the pesticide residue in samples. The instrument consist of LED, thermostatic color pool, integrated photoelectric sensors, ARM9 microprocessor and miniature printer and can print directly and transit result of testing.

### Characteristics

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Testing pesticide residue in onion, garlic, ginger, fragrant-flowered garlic, carrot tomato, vegetables etc.  
Color reaction under room temperature condition, fast testing speed  
Plastic shell, streamline appearance, 6 inch color LCD displayer, easy to operate  
High sensitivity to methamidophos, dichlorvos and so on  
Adopt ARM9 inserting controlling system, with the function of saving, collecting, processing, analyzing

### Technical parameter

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The test items, detection limit, detection range:

test items	detection limit	detection range
pesticide residue	0.1-20mg/kg	0-100% ( inhibition ratio)

Transmittance accuracy:  $\leq \pm 1.5\%$ ;

Transmittance repeatability:  $\leq 0.5\%$

Linear error:  $\leq 5\%$

Mode of display: LCD

Interface: network

Working environment: temperature: 0~40°C, humidity: 35~85%

Power adaptor: 220V to 5V/5A

Size: 38CM \* 30CM\* 17CM