



residual pesticides, pesticides residues

Model: **APEX-JCX566**

Standard: **GB / T 5009.199-2003**

Introduce: **Pesticide residues speed measuring instrument for rapid detection of total pesticide residues in fruits and vegetables , six channels can be connected...**

Detailed product information

APEX-JCX566 Pesticides Residues Fast Analyzer

First, residual pesticides, pesticides residues introduction

Pesticide residue fast analyzer is commonly used [food lab equipment](#). Pesticide residues speed measuring instrument for rapid detection of total pesticide residues in fruits and vegetables , six channels can be connected to a computer , the instrument with the database, the test results can be stored on the record

Second, the residual pesticides, pesticides residues principle and application

Pesticide residue fast analyzer is commonly used [food lab equipment](#). Using enzyme inhibition assay , based on national standards GB / T 5009.199-2003 " vegetables rapid detection of organophosphorus and carbamate pesticide residues " and industry standards NY/448-2001 " vegetable organophosphate and carbamate pesticide residues rapid detection methods . " In the sample can be quickly detected pesticide residues , are widely used for rapid detection of vegetables , fruits , grains, tea, water and soil organic phosphorus and carbamate pesticide residues , suitable for all levels of agricultural testing centers , industrial and commercial technical supervision , health surveillance, food and Drug Administration , agricultural products processing enterprises, agricultural plantations, planting cooperatives , farmers markets, supermarkets , schools, environmental protection departments , hotels, hotels , and other fields .

Third, the residual pesticides, pesticides residues advantages

Pesticide residue fast analyzer is commonly used [food lab equipment](#).

- 1, can also be used to connect individually with the computer , with a pesticide residue testing data system software.
- 2 , large-screen LCD Chinese display , user-friendly interface , MCU intelligent control , all-digital circuit design .
- 3, for both acetylcholinesterase and butyrylcholinesterase reagents, national standards and agricultural ministerial standards can be chosen at random.
- 4 , equipped with CNC chronograph function (remember when testing the relative difference of less than 0.5 seconds) , automatic calculation function, application control storage function , automatic printing function , the number of test sample selection.
- 5, the test data is automatically saved , you can save 3000 data set , the user can always view historical data tests.
- 6, the signal acquisition portion of the original crystal imported from Germany , the sensitivity with respect to the domestic component increased by four times .
- 7 , all solid-state light source , stable, up to tens of thousands of hours of lamp life .
- 8 , using the array cartridge part series lineup circuit , no mechanical moving parts, anti-jamming , anti-vibration , stable and reliable performance.
- 9 , chromogenic reagent liquid test sample with less, to prevent secondary pollution.
- 10 , one of six samples can be measured simultaneously , the number of test samples can be arbitrarily set , print measurement data is automatically saved , and the page view , easy to operate .
- 11 , to provide a complete accessory configuration , using beautiful, durable aluminum box , user-friendly operation at a fixed or mobile laboratory laboratory .
- 12 , the international standard with a USB interface, data can be instantly transferred to a computer or print automatically switch freely .

Third, residual pesticides, pesticides residues technical parameters :

- 1, the detection channels: 6 ; 2 , the amount of data stored in the machine : 3000 group ;
- 2, the detection limit : 0.1-3 .0mg/kg; 4, wavelength : $410 \pm 1\text{nm}$;
- 3, the inhibition rate of 0 - 100% ; 6 , Accuracy: 5% ;
- 4 Transmittance accuracy : $\leq 2.0\%$; 8, Transmittance Repeatability : $\leq 0.5\%$;
- 3 , linear error : $\leq \pm 5\%$; 10, the inhibition rate error value : $\leq 5\%$;
- 6 , the inhibition rate Repeatability : $\leq 5\%$; 12, repeatability error : absorbance (A) ≤ 0.005 ;
- 7 , the absorbance value range : 0.0500 - 3.100 ; 14 , light current drift : $\leq 1.0\%$ / 3min;
- 8 , use of the environment : A, temperature : $5^\circ\text{C} \sim 45^\circ\text{C}$ B, humidity : $\leq 85\%$;
- 9 , operating voltage : $220\text{V} \pm 10\%$ / 50HZ; 17, Sensitivity: potassium dichromate solution $\geq 3.17 \times 10^{-3}$ (A / $\mu\text{g.ml}$)
- 10 , Stability : no preheating . Within 3 minutes photocurrent induced drift transmittance (T) of not more than 1.0% change in value (or absorbance (A) value of 0.005) .

Fourth, pesticide residues speed measuring instrument complete accessories :

- 1, the instrument provides a complete attachment configuration , the use of beautiful and durable aluminum box .
- 2, the instrument provides balance , micro pipettes, cuvettes , scissors , tweezers, bottle , beakers, bottles reaction matching accessories , user-friendly operation at a fixed laboratory or mobile laboratory .