

## SKZ1038B Auto type Solvent Moisture Tester

Columetrico method Karl Fischer Titration



Using Columetrico method to determine trace moisture content of solid, liquid and gaseous.

Widely used for alcohols, oils, fats, ethers, esters, acids, alkanes, benzene, amines, organic solvents, pesticides, phenols, drug raw materials, chemicals, petroleum, pharmaceuticals, pesticides.

**Standard:**

ASTM D1744, ISO3698, ISO 10337, ISO760

**Features:**

1. Arm9 processor using the latest automatic control.
2. Full English menu.
3. 5.7 inch 320 \* 240 large-screen LCD.
4. Instrument fault diagnosis, intuitive alert the user.
5. Built-in five kinds of commonly used formula for calculating the moisture content, truly automated.
6. Automatic printing, with a large capacity recording storage.
7. Large current background compensation high precision, wide range, high reliability.
8. Automatic memory electrolyte status, current and accurate real-time test blank deducted improve the instrument's measurement accuracy. Moisture is the water content of the sample shows true.
9. Has lapsed reagent replacement reminder function
10. Analysis according to different user requirements, the freedom of choice of speed, the test result is more accurate.

**Technical parameters:**

1. Titration method: Karl - Fischer coulometric titration
2. Electrolytic current :0-400mA
3. Display: 320 \* 240 large-screen LCD display
4. Measuring range: 1 $\mu$ g-100mg, 1ppm-100% (1ppm=0.0001%)
5. Sensitivity: 0.1 $\mu$ g
6. Accuracy: 3 $\mu$ g-500 $\mu$ g:  $\pm 2 \mu$ g,  
more than 500 $\mu$ g: 0.2% (excluding sample error)
7. Print: with high-efficiency low-noise line thermal printer
8. Calculation: content calculations, statistical calculations, variety selection formula
9. Self test: The instrument fault diagnosis
10. Samples can be stored with a number and time stamp 200 records, you can query, print.
11. Power supply: AC220V  $\pm 10\%$
12. Frequency: 50HZ  $\pm 5\%$