

SKZ1018B Automatic Solvent Moisture Tester
volumetric method, Karl Fischer titration



This tester is auto-analyzer used Karl Fischer titration method for the determination of moisture content.

Standards:

ISO 10337, ASTM D 1744, ISO 760, ASTM E203

Features:

1. New speed drop function, use automatic control electrode polarization voltage drop speed, measure a sample requires only tens of seconds
2. Additional current meter makes the titration process more intuitive
3. Entire fluid path is made of special materials selection, excellent corrosion resistance, to ensure long-term continuous operation
4. Using electrode polarization voltage to determine and display the end of the reaction, the termination titration
5. Closed system to avoid the infiltration of water environment
6. Using ordinary trial (solvent) agents caps as connectors for easy replacement
7. Instrument can be realized: solvent inhalation, determination, end display (alarm), waste water discharge, mixing by its function keys.
8. Using a dedicated reagent bottle adapter, can be used with or without standard pyridine reagent
9. High brightness LED, clear display
10. Once you make a mistake, you can immediately interrupted and re-operation
11. A fully enclosed design of the piping system to avoid toxic gases to escape, protect the environment and health, equipment running smoothly, no noise

Technical parameters:

Measuring range: 100ppm-100% (H₂O mass fraction)

Resolution: 0.01ml

Moisture titration Repeatability: ≤ 0.03

Moisture titration linear correlation coefficient: ≥ 0.998

Capacity error $\leq \pm 0.003$

Instrument Burette capacity: more than 25ml

Sensitivity :10-6A

SKZ1018C Fully Automatic Solvent Moisture Tester volumetric method, karl fischer titration



Adopted Karl Fischer volumetric moisture can be measured liquids, solids and gases in the sample crystal water, adsorbed water, free water.

Standards

ISO 10337, ASTM D 1744, ISO 760 , ASTM E203

Feature

1. Large color LCD display, English menu operation.
2. Full dynamic display, WINDOWS operating style easy to use.
3. Displayed simultaneously (moisture content, percentage, PPM content, reagent consumption), color titration curve dynamic display
4. Automatically deducted drift water, environmental water drift automatic tracking, to ensure accurate results.
5. By a double platinum electrode polarization voltage discriminating end of the reaction, and terminate the titration.
6. Auto memory measurements
7. Stir PWM stepless speed menu selection.
8. Closed system can automatically replace solvents and discharging waste, to avoid the escape of toxic reagents.
9. Instrument status, metering pumps injection volume, the current time, three position, drift and other parameters real-time display.

Parameter

1. Measuring range: 0.01% -100%
2. Resolution: 0.01ml
3. Titration Flow: Automatic
4. Display: Extra LCD
5. Display error: $\leq 2\%$
6. Endpoint resistance: 500, 1.5 k, 2k third gear
7. End point time delay :10-300s continuously adjustable
8. Power: 220V/50HZ