

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 4252, ISO 10337, ASTM D 1744

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