

Automatic Karl Fisher titrator

Description/Parameters

Automatic Karl Fisher titrator TitroLine® 7500 KF (SI Analytics) is a volumetric titrator for water determination suitable for almost all kind of samples. The iodine is added accurately through a piston burette. Solvent and waste removal are handled via the pump/stirrer in order to avoid any handling. It is designed for fast, easy and precise usage and equipped with statistical functions including average value and relative standard deviation. Measurement units are adjustable.

Utilization/Services

Karl Fisher titrator is used to determine the water content according to Karl Fischer (KF) with a typical operating range of 0.1 % - 100 % water. Ideal for KF analysis in pharmaceutical, chemical, food and mineral oil industries.

- Accuracy volumetric measurements: < 0.3% at ≥ 10 mg H₂O.
- Dosing accuracy according ISO 8655, part 3: Accuracy 0.15 %; Precision 0.05 – 0.07 %.
- Resolution: 0,5 μ g.
- Precision: < 0.05 - 0.07 %.
- Measurement Range: 10 ppm – 100 %.
- Configurable output: Short, Standard with curve, GLP.

