

## KFT-50C Karl Fischer Titrator



### GENERAL FEATURES

- Color High contrast LCD touchscreen, 7.0 inches.
- Coulometric KF Titration.
- Support oven sampling method, to meet the gas, solid, liquid in the constant moisture, trace moisture measurement.

### Coulometric Karl Fischer Titration

- Intelligent operation system provides features including user management, method management, sensor management, data management and GMP management etc.
- Support Auto Titration Method, Oven Titration Method, Oven Blank, and Coefficient correction Method.
- The solvent manager adopts anti-leakage liquid and anti-pour design of waste liquid bottle, supports to drain solution and feed solvent, ensure safe handling of Karl Fischer chemicals.

### Includes

- Solvent manager
- Coulometric vessel
- Measuring electrode
- Generator electrode

### Data management

- Auto/manual drift adjust ensures accurate results.
- Selectable units including  $\mu\text{g}$ , mg, %, ppm, mg/L and  $\mu\text{g/mL}$ .
- User three-level authority management and password management.
- Support for GMP management, the GMP logs achieve the tracking and analysis of the the data.
- Store up to 2000 titration data sets (GLP-compliant).
- Support for RS-232 communication for print and the print format can be alternate.
- Support for USB communication for PC software.
- Support for U disk for method export and import.
- Support for U disk for data export with CSV or PDF format.
- Support for printer, barcode scanner, oven and balance (specific model).
- It needs GMP software to implement GMP management functions.

Model		KFT-50C
Principle		Karl Fischer Coulometric Titration
Water	Range	3.0 $\mu\text{g}$ ~200mg
	Resolution	0.1 $\mu\text{g}$
	Unit	$\mu\text{g}$ ,mg,%,ppm, $\mu\text{g/mL}$ ,mg/L
	Repeatability	$\leq 0.3\%$
mV Range		(0~2000)mV
mV Resolution		0.1mV
Polarization Current Range		(1~200) $\mu\text{A}$
Polarization Current Accuracy		$\pm 3\%$
Polarization Current Fluctuation		$\pm 2.5\%/30\text{min}$
Working Current Accuracy		$\pm 0.5\%$
Working Current Fluctuation		$\pm 0.2\%/10\text{min}$
Power Supply		(100~240)VAC,(47~63)Hz
Dimensions		240×370×270mm
Net Weight		About 4kg