

# KFT-40VC Karl Fischer Titrator

## Features

- LCD display screen.
- Titration methods, curves and results are displayed in detail.
- Volumetric KF Titration and Coulometric KF Titration are supported.
- Data analysis feature helps user review and compare results.
- Data can be easily transferred to printer via RS-232 communication interface.
- Reset feature automatically resumes all settings back to factory default options.

## Volumetric Karl Fischer Titration

- ◆ Support KF Titration Mode and Titer Detection Mode.
- ◆ Features of auto-filling, auto-purging and auto-mixing of the reagents ensure safe handling of Karl Fischer chemicals.
- ◆ Automatic/manual background drift correction ensures accurate results.
- ◆ Selectable units including mg, mg/L, %, ppm, etc.
- ◆ Settable parameters, including measurement unit, polarization current, stirring rate, titration rate, stop volume, endpoint potential, stop criterion and etc.
- ◆ Store up to 200 titration data sets (GLP-compliant).

## Coulometric Karl Fischer Titration

- Generator cell with diaphragm.
- Automatic/manual background drift correction ensures accurate results.
- Selectable units including pg, mg, %, ppm, mg/L, pg/mL, etc.
- Settable parameters, including measurement unit, polarization current, stirring rate, generator current, endpoint potential, stop criterion and etc.
- Store up to 200 titration data sets (GLP-compliant).

## Includes

1. External device
2. Electrolysis electrode
3. Measuring electrode
4. 10ml Burette
5. Volumetric titration cell
6. Coulometric titration cell



## Specifications

Model	KFT-40VC	
Volumetric Titration	Range	(0.1mg~250)mg
	Polarization Current Accuracy	1 $\mu$ A $\pm$ 0.2 $\mu$ A; 50 $\mu$ A $\pm$ 10 $\mu$ A
	Repeatability	$\leq$ 0.5%
Coulometric Titration	Range	10pg~20mg
	Polarization Current Accuracy	$\pm$ 0.2pA
	Working Current	1, 1.86, 5,10 $\mu$ g (H <sub>2</sub> O) /s for 10.72mA, 20 mA, 53.61mA, 107.2 mA
	Working Current Accuracy	$\pm$ 0.5%
	Accuracy	$\pm$ (5%+3) $\mu$ g
General	Repeatability	$\leq$ 3%
	Power Supply	AC Adapter, 100-240 V AC input
	Dimensions	340x400x400 mm
	Weight	10kg
	Dimensions (Carton)	540x490x480 mm
	Weight (Gross)	13 kg