

KFT-41V 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.

Volumetric Karl Fischer Titration

- Support Auto Titration Method, KF Titer Determination Method, Oven Titration Method and Oven Blank Titration Method.
- The solvent manager adopts anti-leakage liquid and anti-pour design of waste liquid bottle, supports to fill titrant, drain solution, feed solvent, mix titrant and clean burette, ensure safe handling of Karl Fischer chemicals.

Includes

- Solvent manager
- 10mL burette
- Volumetric vessel
- Measuring electrode



Data management

- Auto/manual drift adjust ensures accurate results.
- Selectable units including μg , mg, %, ppm, mg/L and $\mu\text{g/mL}$.
- User password management.
- Store up to 200 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 data export with CSV format.
- It needs GMP software to implement GMP management functions.

| Model | | KFT-41V |
|----------------------------------|---------------|---|
| Principle | | Karl Fischer Volumetric Titration |
| Water | Range | (0.1~250.0)mg |
| | Resolution | 1 μg |
| | Unit | μg , mg, %, ppm, $\mu\text{g/mL}$, mg/L |
| | Repeatability | $\leq 0.5\%$ |
| mV Range | | (0~2000)mV |
| mV Resolution | | 1mV |
| Polarization Current Accuracy | | $\pm 3\%$ |
| Polarization Current Fluctuation | | $\pm 2.5\%/30\text{min}$ |
| Working Current Accuracy | | / |
| Working Current Fluctuation | | / |
| Power Supply | | (100~240)VAC, (47~63)Hz |
| Dimensions | | 240×370×270mm |
| Net Weight | | About 4kg |