

VOLUMETRIC KARL FISCHER TITRATOR CODE KFT-V10



- Widely used in petroleum, chemical industry, pharmaceutical industry, food, agriculture, etc.
- Used for measuring crystal water, adsorbed water and free water in solid, liquid and gas samples
- An enclosed titration cell with specialized connectors is used to prevent environmental moisture interference, ensuring a low baseline drift
- Automatic replacement of solvents and waste discharge to avoid escape of toxic reagents, ensuring the operator and environmental safety
- One-button operation, metering tube cleaning, quantitative feeding, solvent suction, waste discharge, and automatic titration, etc.
- Applicable to all Karl Fischer reagent types, with automatic solvent replacement and waste discharge
- Real-time display of the working status, dynamic display of the titration curve, automatically save the calibration data and sample measurement results
- Automatically calculated and deducted environmental background drift of water

SPECIFICATION

Range	0.001~100.00% (10ppm~10000ppm)
Titration accuracy	±0.001mL (20mL quantitative tube)
Resolution	1ppm
Linear correlation coefficient of titration	≥0.998
Polarization voltage	0~120mV
Sampling current accuracy	0.1μA
Repeatability	≤0.5% (20mg H ₂ O)
Sample testing time	average 2min
Data storage	12 users, 5 methods, 100 records
Working environment	5~40°C, ≤80%RH, no condensation
Power supply	110~240V, 50/60Hz
Dimension (L×W×H)	450×400×400mm including pipeline and three hole bottle rack
Weight	5.5kg

OPTIONAL ACCESSORY

10mL quantitative tube	KFT-V10-T10
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STANDARD DELIVERY

Main unit	1 pc
Printer (built-in)	1 pc
Three hole bottle rack (3 reagent bottles) *	1 set
Power adapter	1 pc
Double platinum sheet electrode (KFT-V10-EL)	1 pc
20mL quantitative tube (KFT-V10-T20)	1 set
Reaction cup kit	1 set
Connect the pipe kit (8pcs)	1 set
Titration head	1 pc
Drying tube kit	4 pcs
10μL micro sampling syringe	1 pc
Stirrer	1 pc
2.5ml syringe	1 pc
5ml syringe	1 pc
10ml syringe	1 pc
Sampling pad	1 set
Stainless steel needle	1 pc
Consumable and spare parts **	1 set

*No reagents

**Including O-rings, rectangular rings, nuts, etc.