

3040VC

Karl Fischer with volumetric & Coulometric Titrator



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

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 μg , mg, %, ppm, mg/L, $\mu\text{g/mL}$, 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).



Coulometric electrolytic cup
Suitable for micro moisture samples



Sample titrate unit
Suitable for constant moisture samples

FEATURES:

Volumetric Titration	Range	(0.1mg~250)mg
	Polarization Current Accuracy	1 μ A \pm 0.2 μ A; 50 μ A \pm 10 μ A
	Repeatability	\leq 0.5%
Coulometric Titration	Range	10 μ g~20mg
	Polarization Current Accuracy	\pm 0.2 μ A
	Working Current	1, 1.86, 5, 10 μ g (H ₂ O) /s for 10.72mA, 20 mA, 53.61mA, 107.2 mA
	Working Current Accuracy	0.5%
	Accuracy	\pm (5%+3) μ g
	Repeatability	\leq 3%
General	Power Supply	AC Adapter, 100-240 V AC input
	Dimensions	340 \times 400 \times 400 mm
	Weight	10kg

3040C Karl Fischer Titrator



- LCD display screen.
- 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.
- 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).
- Data can be easily transferred to printer via RS-232 communication interface.
- Reset feature automatically resumes all settings back to factory default options.

Volumetric Titration	Range	0.1mg~250mg
	Resolution	0.1mg
	Working Current	1 μ A \pm 0.2 μ A; 50 μ A \pm 10 μ A
	Repeatability	\leq 0.5%
General	Power Supply	AC Adapter, 100-240 V AC input
	Dimensions	340 \times 400 \times 400 mm
	Weight	10kg

3020V Karl Fischer Coulometer



- LCD display screen.
- Generator cell with diaphragm.
- Selectable units including μ g,mg,%,mg/L,g/L, etc.
- Settable parameters, including measurement unit, polarization current, generator current, endpoint potential, stop criterion and etc.
- Data can be stored and easily transferred to printer via RS-232 communication interface.
- Reset feature automatically resumes all settings back to factory default options.

Coulometric Titration	Range	10 μ g~20mg
	Polarization Current Accuracy	\pm 0.2 μ A
	Working Current	10mA, 20 mA, 50 mA, 100 mA
	Working Current Accuracy	\pm 0.5%
General	Accuracy	\pm (5%+3) μ g
	Repeatability	\leq 3%
	Power Supply	AC Adapter,200-240 VAC input
	Dimensions	300 \times 235 \times 100 mm
	Weight	2 kg

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HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

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Our Products & Technologies



LCMS



Automated Prep-Flash
Chromatography system



Maldi TOF



Optima Gas
Chromatograph



Flash
Chromatograph



DAC
Column



GCMS
3068



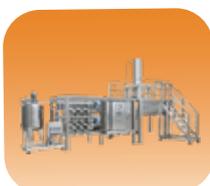
UHPLC



HPTLC



Ion Chromatograph



Production
HPLC



HPLC



Column



DLS



Water purification
system

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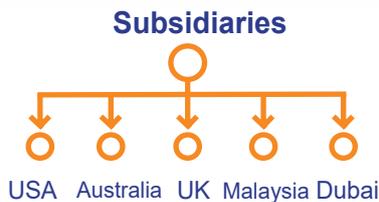
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