



KF1000 Volumetric Titrator for Karl Fischer Titrations with 1 Burette and 2 Pumps

Product #: KF1121.97
ZAR Price: Contact Hach
No availability shown

Simple and accurate volumetric titrations to measure moisture content

Simplify complex volumetric Karl Fischer titration with the Titrilab KF1000 from Hach. Straight from the box the KF1000 to easily and quickly perform moisture content determinations. The automatic system gives you more reliable results without complicated analysis. To make setup and titration simple, the KF1000 utilizes the application specific kit to make it quick and easy for anyone to set up and operate a test.

Accurate and Reliable Titration Results

- Eliminates errors in manual processes and operator interpretation
- Pre-programmed titration methods automatically detect endpoints and perform calculations
- High resolution electronic burette with 20,000 steps
- Automatic sample preparation using embedded peristaltic pumps
- High performance probes for reliable measurements

Easy to Use for all Operators

- Press one button to get the correct result
- Operators of all skill levels can get accurate measurements
- No need for custom programming with Hach's unique application specific routines
- Simple user interface with large color display that shows the titration curve as it is measuring
- USB ports to quickly and easily capture data to a PC and attach optional keyboard/mouse or printer

Low Cost of Ownership

- Reduces the amount of reagent used for every titration cutting cost of ownership month after month
- Increases lab throughput by allowing operator to prepare next sample while titrator performs measurement

Improves Lab Safety

- Minimizes direct contact with reagents
- No need for potentially dangerous colored indicators
- Instrument can be easy and safely moved thanks to the compact design

Low Maintenance

- Reliable design significantly reduces downtime

- Extended periods between maintenance routines
- Maintenance is simple and easy to perform

Specifications

Application:	5
Automatic Reagent Addition(s):	2 integrated peristaltic pumps for reagent addition
Beaker Volumes Accepted:	System specific beakers: Proprietary glass measurement cell, screw-on
Burette:	1
Burette: Volumes Available:	2.5/5/10/25 mL, ISO8655-3
Calibration:	Titrant
Calibration curves display:	KF Titration curve
Calibration Intervals/Alerts/Reminder:	Yes, user defined period
Certifications:	Safety IEC/EN 61010-1; EMC IEC/EN 61326-1
Data Export:	On USB flash drive, CSV format, Excel compatible
Data Memory:	Last 100 samples, QC & blank analyses, last 10 calibrations
Electrode:	MTC Intellical ("Plug & Play" Digital)
Material Enclosures:	PP Latene, silicone, hardened glass, POM, stainless steel. Splashproof design.
Measurement method:	Volumetric Karl Fischer, AC or DC imposed current
Model:	KF1121
Operating Humidity:	20 - 80 %
Operating temperature range:	15 - 35 °C
Password Protection:	Yes, user defined
Power requirements (Hz):	50/60 Hz
Power requirements (Voltage):	100/240 VAC
Pump flow rate:	170 mL/min
Pumps:	2
Reading Modes:	Sample, blank, sample with blank, QC sample, QC sample with blank
Required Application Package/s:	AP0014.KF1121 Moisture Content
Sample Stand:	Integrated, magnetic stirring, KF glass beakers 150 mL
Storage conditions:	-5 - 40 °C
Supported Peripherals:	Printer, PC software, balance, keyboard, mouse, barcode reader
Type:	Karl Fischer
Warranty:	12 months
Weight:	4 kg
What's included?:	1 ea. KF1121-Titralab KF1000 Titrator 1 ea. LZE144- Power Supply 1 ea. LZE141- 4 position tube holder 1 ea. Basic User Manual Sold Separately: Don't forget to order your Application Pack and Reagents and consider purchasing an AS1000 Sample Changer.

What's included?

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Required Accessories

- Titration Application Pack Karl Fischer: Moisture Content (Item AP0014.KF1121)