

# Volumetric Moisture Meter Model KF-21

● A new Moisture Meter. Small, Easy and High-performance!



ISO 9001 C2003-03906

**DIA INSTRUMENTS CO., LTD.**

**A SUBSIDIARY OF MITSUBISHI CHEMICAL CORPORATION**

## Features

- **Simplicity & Small foot-print**
- **Evac. System in standard**  
Supplying Dehydrated Solvent and draining by one button
- **Detection Electrode Conditioning function **NEW !****  
Maintenance for contaminated electrode will be refreshed by automated conditioning function

## Applications

Sample	Reagents	Sample Size	n=3	
			Results (ppm)	RSD(%)
Ethanol	SS-Z 3mg/GEX	5ml	477	1.4
Isopropanol	SS-Z 3mg/GEX	5ml	368	1.3
Ethylene glycol	SS-Z 3mg/GEX	2ml	0.110%	1.6
Propylene glycol	SS-Z 3mg/GEX	5ml	245	1.1
Acetone	SS-Z 3mg/KTX*	2ml	0.180%	0.7
Methyl ethyl ketone	SS-Z 3mg/KTX*	1ml	834	1.4
Methyl isobutyl ketone	SS-Z 3mg/KTX*	1ml	0.127%	0.95
Salad Oil	SS-Z 3mg/OLX	5	502	0.87

\*Set the End mV for 400mV.

## Specifications

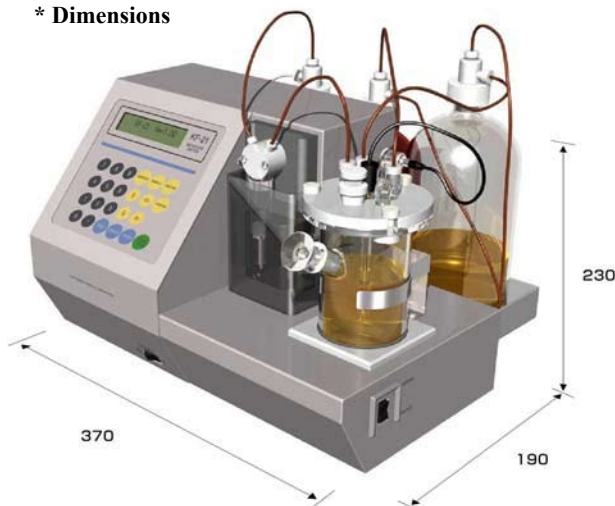
Measuring Method	Karl-Fischer Volumetric Method
Detection Method	Constant Current Polarization Method
Titration Control	Electric Potential Proportional Control
Measuring Range	0.1mg ~ 999mgH <sub>2</sub> O
Stirrer	Magnetic Stirrer
Titration Flask	150ml
Display	Liquid Crystal Display (2lines, 20digit) File No., Measurement No., Moisture amount, Concentration, Message, Measuring Time and Transmitted Sample Size to a Balance
End Signal	Message display and electric buzzer
File	1 factor file and 3 sample files
Data	Latest 20data usually stored
Calculating Functions	Concentration, Statistical calculation and Recalculation
Automatic Burette	Syringe Burette (5ml) Repeatability: $\pm 0.005$ ml for 4ml injection
Interface	RS232C (1port), Connection for Printer, Computer or Balance.
Added functions	Evac system for Reagent Automatic conditioning for Electrode
Ambient Temperature	15 - 40°C
Ambient Humidity	80% or less (Dewfall shall be avoided.)
Power Supply	AC100/120/220/240V 50/60Hz
Dimensions	Applox. 370(W)x190(D)x230(H) mm
Weight	Applox. 7kg

\* An example of Volumetric Moisture Measurement system



KF-21with Mini Printer (Option)

\* Dimensions



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