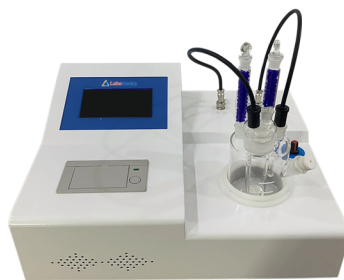


# Karl Fischer Titrator LB-10KFT



## Overview :

Karl Fischer titrator LB-10KFT is a volumetric moisture testing unit programmed by Itanium and double CPU with direct A/D conversion for testing electrode data. It is characterized with auto stirring and analyzing function. The enclosed titration system avoids deviations, and improves quality index.

## Specifications :

Testing range	0.01 $\mu\text{g}$ ~ 200 mg of $\text{H}_2\text{O}$
Water content range	0.0001 % ~ 100 %
Sensitivity	0.01 $\mu\text{g}$ $\text{H}_2\text{O}$
Rate of electrolysis	2.4 mg $\text{H}_2\text{O}$ /min
Electrolysis current	Auto-control within 430 mA
Accuracy	Water content: 2 $\mu\text{g}$ $\text{H}_2\text{O}$ ~ 100 $\mu\text{g}$ $\text{H}_2\text{O}$ , Deviations: ? $\pm 1$ $\mu\text{g}$ Water Content: 100 $\mu\text{g}$ $\text{H}_2\text{O}$ ~ 1000 $\mu\text{g}$ $\text{H}_2\text{O}$ , Deviations: ? $\pm 2.9$ $\mu\text{g}$ Water Content: > 1000 $\mu\text{g}$ $\text{H}_2\text{O}$ , Deviations: ? $\pm 0.2\%$ (excluding deviations of sample injection)
Ambient temperature	5 $^{\circ}\text{C}$ ~ 40 $^{\circ}\text{C}$
Relative humidity	< 85 %
Power consumption	< 40 W
Power supply	AC 220 V $\pm 10$ %, 50 Hz $\pm 2.5$ Hz
Dimensions	390 $\times$ 270 $\times$ 190 mm
Weight	7 kgs

## Features :

1. Electric current auto-control and compensation by microcontroller unit
2. Karl Fischer reagent for 1000 continuous sample testing
3. Digital display and operation by touch LCD panel
4. Preinstalled with cubature, statistical calculation and elementary arithmetic
5. High sensitivity and quick analyzing speed
6. Cold rolled steel plate exterior with electrostatic anti-corrosive layer
7. Automatic data printing
8. Network management through USB or RS232 interface communication

## Applications :

Used in chemical industries, petroleum and power industries, pharmaceutical industries, pesticides, rigs, natural gas plants, etc.



Labotronics Scientific. 1007 N Orange St., Wilmington, DE 19801, USA  
info@labotronics.com | www.labotronics.com