

Auto Karl Fischer Titrimeter

ZI 14018



Auto Karl Fischer Titrimeter : ZI 14018

It is an automatic apparatus designed to carry out KARL FISCHER Titrations for accurate determination of moisture content in various samples. The instrument comprises of two units i.e. CONTROL UNIT & TITRATION UNIT. The CONTROL UNIT controls the complete automatic titration. On pressing the START button, the titration starts and the KF reagent is added automatically from the burette, through a solenoid valve into the titration vessel. As soon as the end point is reached, the titration is stopped automatically by the Control Unit. It has fully solid state circuitry incorporating advanced IC technology. Titration unit contains the magnetic stirring mechanism and the solenoid valve assembly. The cabinet is designed to serve as a sturdy titration stand. Karl Fischer method for determination of moisture content is used in pharmaceutical and drug manufacturing industries, food stuff, sugar, wood, paper & textile industries, petroleum refineries, chemical and fertilizer units.

FEATURES :

- Auto titration control
- Separate control & titration units
- Auto zero burette
- Adjustable Timer
- Visual & Audible alarm

SPECIFICATIONS

	ZI 14018	ZI 14019
Model	ZI 14018	ZI 14019
Display	Array of 10 LEDs	Analog Ammeter
Timer	Adjustable Timer	Fixed Timer
Buzzer	Yes	-

Sample Size	1-50 mg of Water
K.F. Dispensing Resolution	0.05 ml
Measuring Electrode	Dual Platinum
Indications	RUN, ADD, END : Display in Auto Mode
Detections	Current sensing by electronic control
Dimensions	340x250x125mm (LxBxH) mm (approx.)
Weight	2kg. (approx.)
Compressor Unit	
Titration Cell	Air tight 200ml.
Stripper	Variable speed magnetic stirrer with on/off control
K.F. Flow	Automatic sensitive control valve for KF reagent
Burette	Pressure filling auto zero burette with 0.05ml resolution
Power	230V \pm 10%, 50 Hz, AC
Dimensions	235x180x98 (LxBxH) mm (approx.)
Weight	3 kg. (approx.)

ZEAL INTERNATIONAL