



**Product Code . JA-MT-2208**

## **Auto Karl Fischer Titrimeter**

### **Description**

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Auto Karl Fischer Titrimeter

Features:-

Auto Titration Control

Separate Control & Titration Units

Auto Zero Burette

Adjustable Timer

Visual & Audible Alarm

Auto Karl Fischer Titrimeter 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 titration stand.

Karl Fischer method for determination of moisture content is used in pharmaceutical and drug manufacturing industries, food stuff, sugar, wood, paper and textile industries, petroleum refineries, chemical and fertilizer units etc.

Specifications:-

Control Unit	
Display	Array of 10 LEDs
Timer	Adjustable Timer
Buzzer	Yes
Sample Size	1-50 mg of Water
K.F.Dispensing Resolution	0.05 ml.
Measuring Electrode	Dual Platinum
Indications	RUN}
	ADD } Display in Auto Mode
	END}
Detection	Current sensing by electronic control
Dimensions	L340 X B250 X H125 mm. (Approx.)
Weight	2 kg. (Approx.)
Titration Unit	
Titration Cell	Air Tight 200ml.
Stirrer	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 0.05 ml resolution
Power	230V???10% 50Hz, AC
Dimensions	L325 X B180 X H98 mm (Approx.)
Weight	3 Kg. (Approx.)
Accessories	Burette (Clear Glass) 10 ml * Reservoir Bottle 500 ml
	Moisture trap with rubber bellow for air pumping
	Titration Cell
	Dual Platinum Electrode

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Solenoid Valve Assembly

Magnetic Capsule




Set of 2 Clamps

Rubber Tubing

Nozzle

Instruction Manual

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