

## DIGITAL K.F TITRATOR

MI-453



POLMON's Digital Karl Fisher Titrator MI – 453 is an automatic titrator and gives digital indication of consumed KF reagent as a count. This eliminates the use of fragile glassware like burette. In turn parallax errors, auto zero errors are eliminated. The peristaltic pump provides better controlling of K.F reagent. An accuracy of 0.03 ml enables the measurement of low moisture content samples.

### Features

- High Accuracy 50ug of H<sub>2</sub>O
- Digital Indication
- Corrosion free – FRP Body
- End point announcement
- KF reagent addition by peristaltic pump
- Imported tubing
- Selectable flow rates (Optional)
- Auto titration
- Improved stirrer mechanism

### Applications

- Pharmaceutical industries
- Chemical industries

## Specifications

Technical		Power Supply	
K.F Dispensing Accuracy	0.05ml	Input Supply	220 V AC 50 Hz, 10 VA
K.F Display	7 segment 0.39" LED Display	Physical	
Indications	<b>END-STOP –ADD in Auto / Manual mode</b>	Enclosure	Fiber reinforced Body (FRP)
Measuring Electrode	Double Platinum Electrode	Dimensions (WxDxH)	362x245x135 mm
Method of Detection	Potentiometric Titration	Weight	5 Kg (approx)
KF addition	Peristaltic Pump	Environmental	
Rate of flow	10 ml/min with 1.6 mm tube	Operating Temperature	10 to 50 °C
Titration Cell	Air tight 250ml. Beaker with Teflon lid	Humidity	10-95%RH, Non-Condensing
Stirrer	Variable speed Magnetic stirrer with ON/OFF control		

**Note: KF reagent, Solvents, Sodium Tartrate and Silicone Gel not included in supply**

Ordering Information for MI-453	
<i>Model No.</i>	<i>Future Use</i>
MI453	X