Product name:	Product code:
Microprocessor K.F. Moisture Titrator	ANL-MOT-0001



Description

Microprocessor K.F. Moisture Titrator

Technical specification

It uses a highly sensitive motorized dispensing system for precise control of titrant volumes.

This titrator analyses the moisture concentration of liquid samples, powder, fine particles and fiber samples that are soluble in alcohol or solvents.

The moisture content is displayed in ppm, %age and mg H2O.

The system has 24 soft touch membrane type keys for ease of operation.

Complete numeric keypad is provided so as to feed the values of sample, density, titer factor, date, time etc. comfortable.

The End Point indication is given by both visual LED and audible alarm.

The titrator has the facility for automatically calculating the titer factor of the Karl Fischer reagent.

It uses the repeated averaging method so as to give the most accurate titer value.

It has the storage facility of date, time, batch no. and final results of 20 titrations using the FIFO method.

The internal battery backup ;provision has been made to store the results and the other titration parameters for a minimum of 1 month even if the instrument is not switched ON.

Provision for external printer attachment is available so that any of the stored results can be printed even at a later stage.

Measuring Range	10 ppm to 100% of moisture
Measuring Method	Karl Fischer Volumetric Titration method.
K.F. Dispensing	Highly sensitive motorized dispensing system.
Resolution of Titrant Volume	0.01 ml
Indication of Titrant Volume	0.00 to 99.99 ml on display
Moisture content calculation (Automatic)	%age : (0.00 to 100%) ppm :: (10 to 9999999) mg H2O : (0.00 to 999.99)
KF Titer Factor	In-built Automatic KF Titer Factor calculation facility
End Point Alarm	Visual LED and Audible Alarm
Dispensing Pump Calibration	Available through Key board
Wait Time for End Point	Adjustable (1 to 59 seconds)
Key Board	24 keys soft touch membrane type
Sample storage	Up-to 20 latest samples using FIFO memory
Display	8 digit bright red seven segment display.
Clock	In-built clock with date & time display
Stirrer	In-built Magnetic stirrer with adjustable speed.

Reagent Bottle	3x250ml bottle for KF Reagent, methanol & calcium chloride
Printer Interface	External Serial printer interface available.
Power Supply	230V A.C ± 10% 50 Hz.
Dimensions	360 x 295 x 175 mm
Accessories	Dual Platinum Electrode, Built-In Magnetic Stirrer, 250ml Bottle for Methanol, 10 Syringe, Adapter for KF Reservoir, Set of Dispenser Tubes, Bottle Container, Dust Cover, Titration Vessel with Teflon Cover, Teflon Coated Magnetic Stirring Capsule, 250 ml Reservoir Bottle for KF Solution, 250 ml bottle for Calcium Chloride, Adapter for Methanol Reservoir Bottle, Set of Connecting Tubes, Main Lead, Instruction Manual

Auto Computation of Moisture in ppm, %& mg H2O.

Storage of Date, Time, Batch No. and Final Results

8-Digit Digital Display

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Motorized Dispensing

External Printer Attachment Facility

Microprocessor KF Moisture Titrator is the finest volumetric titrator available.

It uses the latest microcontroller technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

The system has user friendly prompts which guide you throughout the titration process.

This titrator eliminates the use of conventional delicate and fragile glass burettes and plunger systems.