

**Product Name :**  
Microprocessor K.F. Moisture Titrator

**Product Code :**  
ANL-MOT-0001



**Description :**

Microprocessor K.F. Moisture Titrator

**Technical Specification :**

Auto Computation  
of Moisture in ppm, % & mg H<sub>2</sub>O.

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

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8-Digit Digital  
Display

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.

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 H<sub>2</sub>O.

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 100%  
Sample

Karl Fischer  
Method  
Metric Titration method.

Highly  
Dispensing  
Motorized dispensing system.

Resolution of

|  |
|--|
| Titrant Volume   |
| Indication 99.99<br>Titrant display  |
| Measure 0.00<br>to 100% calculation (Automatic)<br><br>ppm :: (10 to 9999999)<br><br>mg H2O : (0.00 to 999.99) |
| KF Titer<br>Automatic KF Titer Factor calculation<br>facility  |
| End Point<br>Alarble Alarm   |
| Displaying<br>Pump Key board   |
| Adjustable (or<br>For 50 seconds)  |
|  |

|  |
|--|
| <b>Keyboard</b><br>touch membrane type                               |
| <b>Sample Storage</b><br>latest samples using FIFO memory            |
| <b>Display</b><br>bright red seven segment display.                  |
| <b>Clock</b><br>clock with date & time display                       |
| <b>Stirrer</b><br>Magnetic stirrer with adjustable speed.            |
| <b>Reagent Bottle</b><br>for KF Reagent, methanol & calcium chloride |
| <b>External Serial</b><br>printer interface available.               |
| <b>Power Supply</b><br>10% 50 Hz.                                    |

300 or 250 ml  
175 mm

**Accessories**

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

## Civil Mechanical India

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