

Product Name :
Nauga Lab Microprocessor K.F. Moisture Titrator

Product Code :
NLAB-LABORATORYEM56001



Description :

Nauga Lab Microprocessor K.F.
Moisture Titrator

Technical Specification :

Microprocessor K.F.
Moisture Titrator

Features:-

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

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

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 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.

Specifications:-

Measuring Range	Measuring 100% Range
Karl Fischer Method	Karl Fischer Volumetric Titration method.
Dispensing System	Highly Sensitive motorized dispensing system.
Resolution	Resolution of Titrant Volume

Indication 99.99
titrant display

Moisture 0.00
to 100% calculation (Automatic)
ppm :: (10 to 9999999)
mg H₂O : (0.00 to 999.99)

KF Titrator
Automatic KF Titer Factor calculation
facility

Visual LED and
Audible Alarm

Displaying
Pump Calibration

Adjustable for
End Point (5 to 99 minutes)

Key Board
touch membrane type

Sample Storage latest samples using FIFO memory
Display Bright red seven segment display.
Clock Built in clock with date & time display
Stirrer Magnetic stirrer with adjustable speed.
Reagent Bottle 250ml Bottle for KF Reagent, methanol & calcium chloride
Printer External Serial printer interface available.
Power Supply 230V AC, 50 Hz.

Boiler 250
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

Naugralabequipments

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