

2760

Features

- Auto Computation of Moisture in ppm, % & mg₂H₂O.
- Storage of Date, Time, Batch No. and Final Results.
- Dynamic Motorized Dispensing for more Accurate and Faster Operation.
- Online Printing of Data.
- Printing of Condensed, Statistical and Detailed Reports.
- 2 Tier Password Protection Facility (Admin & User)
- Calibration and Validation Reports as per Pharma compliance
- User Defined Setup Files for Ease of Operation

Microprocessor KF Moisture Titrator



1 Year
Warranty

Microprocessor KF Moisture Titrator – 2760 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 20 soft touch membrane type keys for ease of operation. Complete alphanumeric keypad is provided so as to feed the values of sample, density, titer factor, date, time etc. 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 can store 90 user defined setup files for ease of operation and final results of 300 titration. The internal battery backup provision has been made to store the results and the other titration parameters even if the instrument is switched OFF. Provision for external printer/PC attachment is available so that any of the stored results or

μP KF MOISTURE TITRATOR

Technical Data

MODEL	2760
MEASURING RANGE	100 ppm to 100% of moisture
MEASURING METHOD	Karl Fischer volumetric titration method
K.F. DISPENSING	Highly sensitive motorized dynamic 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 to 100%) ppm : (100 to 999999) mg H ₂ O : (0.00 to 999.99)
KF TITER FACTOR	In-built automatic KF Titer Factor calculation facility
END POINT ALARM	Visual LED and Audible Alarm
WAIT TIME FOR END POINT ALARM	Adjustable (1 to 99 seconds)
DISPENSING PUMP CALIBRATION	Available through keyboard
KEYBOARD	20 keys soft touch, membrane type
SAMPLE STORAGE	Upto 300 samples
DISPLAY	40 x 4 Line Alphanumeric LCD Display
CLOCK	In-built clock with date and time display
STIRRER	In-built magnetic stirrer with adjustable speed
REAGENT BOTTLES	3x250 ml bottles for KF Reagent, Methanol & Calcium Chloride
PRINTER /PC INTERFACE	Through RS232 for serial printing using 80 Column dot matrix printer
POWER	230 V AC ± 10%, 50 Hz
DIMENSIONS	L 362 x B 295 x H 180 mm (Approx.)
STANDARD ACCESSORIES	* Dual Platinum Electrode * Titration Vessel * Built-in Magnetic Stirrer * Teflon Coated Magnetic Stirring Capsule * 250ml Bottle for Methanol * 250ml Reservoir Bottle for KF Solution * 25μl Syringe * 250 ml Bottle for Calcium Chloride * Adaptor for KF Reservoir * Adaptor for acetone Reservoir Bottle * Set of Dispenser Tubes * Set of Connecting Tubes * Main Lead * Instruction Manual.

Product Range

Single Beam and Double Beam UV/VIS Spectrophotometer, Tablet Dissolution Test Apparatus, Disintegration Apparatus, Digital Friability Test Apparatus, Melting Point Apparatus, Antibiotic Zone Reader, Leak Test Apparatus, Tap Density Tester, Flame Photometers, Hardness Tester, Haemoglobin meter, Digital pH Meter, Digital Photo Fluorometer, Digital Conductivity, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter.