

# Microprocessor KF MOISTURE TITRATOR

1760



1 Year  
Warranty

- Auto Computation of Moisture in ppm, % & mg H<sub>2</sub>O.
- Storage of Date, Time, Batch No. and Final Results.
- 8 Digit Digital Display.
- Motorized Dispensing.
- External Printer Attachment Facility.

MICROPROCESSOR K.F. MOISTURE TITRATOR, Model 1760 is the finest volumetric titrator available. It uses the latest microcontroller technology to give enhanced accuracy and reproducibility. The 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 content in 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 comfortably need the values of samples, 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 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 other titration parameters for a minimum of 1 month even if the instrument is switched OFF. Provision for external printer attachment is available so that any of the stored results can be printed even at a later stage.

## KF MOISTURE TITRATOR

### Technical Data

MODEL	1760
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
MOSITURE CONTENT CALCULATION (AUTOMATIC)	% age : (0.00 to 100%) ppm : (10 to 999999) mg H <sub>2</sub> 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 59 seconds)
DISPENSING PUMP CALIBRATION	Available through keyboard
KEYBOARD	24 keys soft touch, membrane type
SAMPLE STORAGE	Upto 20 latest samples using FIFO memory
DISPLAY	8 digit bright red, seven segment LED 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 INTERFACE	External Dot-matrix Printer interface available
POWER	230 V AC + 10%, 50 Hz
DIMENSIONS	L 360 x B 295 x H 175 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 accitone Reservoir Bottle * Set of Dispenser Tubes * Set of Connecting Tubes * Main Lead * Instruction Manual.

### Product Range

Semi Auto Analyser, Single Beam and double beam UV/VIS Spectrophotometer, Flame Photometers, Haemoglobin meter, Digital pH, Meter, Digital Photo Fluorometer, Digital Conductivity, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus Tablet Dissolution Test Apparatus, Melting Apparatus, Student Microscope, Binocular microscope, Medical Microscope, Co-Axial Microscope.

Note:- Packaging in shock proof Styrofoam packing inside an attractive and thick storage box