

KFT - 3650

Karl Fischer Titrator



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► SPECIFICATIONS

Principle	:	Voltametric determination of moisture.
Control	:	Advanced ARLvl-1 1 based SOC
Report Format	:	Report with provision for remarks & signature
Reporting	:	Drift report, Result report, Parameter report & document report
Report storage	:	100 document rePorts can be stored
Mode of Titrations	:	Blank, Titer, Sample
Drift	:	Manual or Automatic compensation
Method Storage	:	100 user methods can be stored
Stirrer System	:	Magnetic stirrer with digital display
Stir time	:	Selectable for any desired time
Sensor	:	Dual platinum electrode
Dosing	:	Stepper Motor driven Kinetically controlled volumes & delay times using piston burette
Result units	:	%w/w, %w/v, ppm, mg, mg/ml
Burette Resolution	:	1/20,000 or 0.001 ml/step
Filling time	:	< 20 sec.
mV range	:	+ 2500.00 mV
Resolution	:	0.01 mV
End Point Potential	:	Adjustable
Measuring Range	:	10 ppm to 100%
Statistics	:	Mean value, SD, RSD (2 to 2A)
Input impedance	:	10 ¹² Ω
Keys & Display	:	7" TFT touch screen display
Mouse Connectivity:		Optional
Peripheral Interface :		USB (3), Rs232, Balance Interface, Parallel Printer, PC connectivity through Ethernet.
Power	:	230 V AC + 10%, 50 Hz
Environmental	:	Operation : Indoor, Temperature : ambient to requirement 45°C, Humidity : 5 to 90% non - condensing
Dimensions	:	30 cm x 28cm x 17cm
Weight	:	9 Kg (Aprox)

►► FEATURES

- Corrosion resistant fiber body.
- Compact design
- Interchangeable burette module for quick change from one titration to another, with burette recognition
- Facility to eject defined volume with dose step & delay time selection along with simultaneous display of mv.
- Result Report with EP ml & corresponding mv along with automatic calculation in desired units using Formulae Constants.
- Facility to enter burette factor for calculation purpose.
- Document format report print out which can be directly filed.
- Time, Date, Titration number & Sample identification number facility
- Alphanumeric entry possible for sample name, batch number, operator name etc.
- Individual username & password for each user, limiting system access to authorized individuals



Ethernet computer port :
 Model Whiz can work as
 "Stand alone" or through PC
 If PC is to be used only for
 data transfer CFR 21 Part 11
 compliant software is available.

If instrument is to be operated through PC, software available, which is also CFR 21 part 11 compliant.



A mouse can also be used for control.



Pen Drive connectivity available.



USB port for printer Provided for
 direct printout without using PC.
 Most of the commonly available
 printers can be connected.

HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



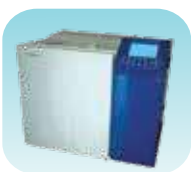
UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.



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