

AUT-3354

Auto Universal Titrator



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► **Salient Features**

- Burette-less accurate dispensing system
- Internal and external calibration
- Save the programs & test
- Magnetic stirrer with adjustable speed
- Large Graphic LCD 240*128 Pixel to display titration Curves
- Potentiometric Titration.
- pH & mV measurement
- Temperature measurement
- Temperature Compensation for pH.
- Dispenser (Delivery pump)
- Data memory

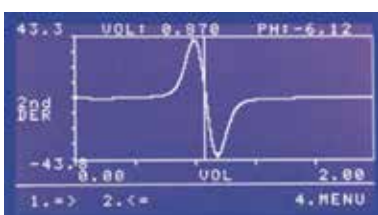


Karl-Fischer Titrator

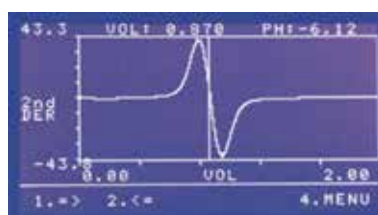


Potentiometric Titration

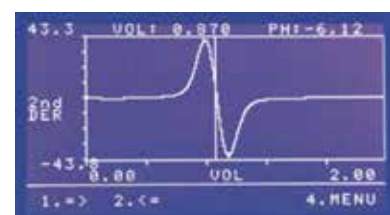
- Potentiometric : Acid-base titration
Karl-Fischer titration
Precipitation titration
Redox titration



Potentiometric titration



First derivative for Peak Point determination (pH/mV)



Second derivative for Volumer determination (ml)

►► Specification

Measuring Range

	Range	Resolution	Accuracy
pH :	0.00 to 14.00	0.01 pH	±0.01
mV :	0.00 to ±1999	0.1 pH	±0.5 mv
Temp. :	0.0 to 100°C	0.1°C	±1°C

- **pH Calibration**

pH Calibration with 2,3 & 5 points Standard Buffer or user selectable standard with Auto or Manual Temp. compensation

- **Solution Dispensing Mechanism**

Highly accurate Sipper pump with auto calibration

- **Display Range & Resolution of Volume Dispenes**

0-99.9 ml with 0.001 ml resolution by using Statistic Analysis

- **Calibration For KF-Factor**

Inbuilt automatic KF factor calculation facilities, After Standardization one can use same factor for different Sameple or can re-standerdize the KF reagent

- **Moisture Content Calculation**

0 to 100 % Display with % well as mg

- **End Point Alarm**

After titation is over it givea audible beep

- **Hold Time for end Point**

0 to 50 Second hold tome,when end point is achieved, unit waits for stable end point

- **Potentiometric Titration**

1st derivative for Peak Point (pH / mV) determinstion

2nd derivative for Volume (ml) determinstion

- **Display & Keyboard**

Graphic LCD 240*128 display & Soft touch keyboard with 20 keys

Printer : Prints the Data and Graph on 80 column DMP

Stirrer : Inbuilt Magnetic stirrer with adjustable speed

Power : 230V ±10%,50Hz

Dimemision : 430 (H) X 250 (W) X 120 (L) mm

Weight : 4 kg

Accessories

- Reservoirs bottle with air tight attachments
- Reaction vessel with Teflon based air tight cover
- Glass Electrode
- Reference Electrode
- Combined Electrode
- Dual Pt electrode for KF titration
- Temperature probe (Pt-100)

Optional Accessories

- Get field Combined Electrode
- Silver Electrode
- Dual Junction reference electrode

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



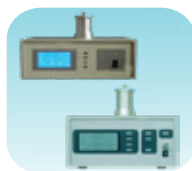
Atomic Absorption
Spectrophotometer



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.

Reach us @



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