

3605

Flame Photometer Touch Screen



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

FEATURES

- * 7 inches colored touch screen
- * Password protected data login facility
- * Auto Gas Cutoff Facility
- * Auto Flame Failure Detection Facility
- * μ P Based with Printer Interface
- * Sample Data Storage Facility
- * Five Element Measurements in Single Aspiration of the Sample
- * Curve Calibration Programmability Using Maximum of 25 Standards
- * Multiple Calibration Curve Saving Facility
- * Data Processing Through Curve Fitting Techniques, Least Square, Quadratic
- * Printer Attachment Facility
- * Measurement in ppm & meq
- * Useful for both Medical & Soil Testing Applications
- * Setup Storage Facility up to 10 setup files

TECHNICAL SPECIFICATIONS:

MODE	General		Serum	Urine
RANGE	Na: 0 – 100 ppm Upto 250 meq/L 1: 100 dil		Na: 0 – 200 meq/L 1:100 dil	Na: 0-250 meq/L 1:100 dil
	K: 0-100 ppm Upto 250 meq/L, 1: 100 dil		K: 0-10 meq/L 1:100 dil	K: 0-100 meq/L 1:100 dil
	Ca: 0-100 ppm Upto 250 meq/L, 1: 100 dil		-	Ca: 0-10 meq/L 1:2 dil
	Li: 0-100 ppm Upto 250 meq/L, 1:100 dil		Li:0-2 meq/L 1:5 dil	-
	Ba: 0-1000 ppm		(all meq/L values are claimed with appropriate dilution)	
SENSITIVITY	General Mode: Na: 0.5 ppm, K: 0.5 ppm, Li: 0.5 ppm, Ca:15 ppm Ba: 30ppm			
FILTERS	TWO FILTERS – SODIUM (Na), POTASSIUM (K), {Calcium (Ca), Lithium (Li) & Barium (Ba) ARE OPTIONAL AT EXTRA COST} - [FACTORY FITTED ONLY]			
RESOLUTION	0.1 ppm/meq			
REPRODUCIBILITY	< 1% coefficient of variation for 20 consecutive samples using 10 ppm Na set as maximum standard up to 3% CV for 20 consecutive samples of Concentration between 50 to 199 ppm for Barium			
LINEARITY	< 2% error when 3 ppm Na/K and 5 ppm Li are set as maximum standard.			
CALIBRATION	With up to 25 Standards of user choice with curve fitting software (5 for each element). Multiple Calibration Curves can be stored in the memory.			
DISPLAY	7” TFT with Touch screen	PC INTERFACE	USB	
CURVE FIT ACCURACY	+/- 2% of Full Scale	POWER	230 V +10% AC, 50 Hz	
AVERAGE TIME	In-built in software	DIMENSIONS	365 x 245 x 220 mm (L x B x H) approx.	
FLAME SYSTEM	LPG and dry oil free air	WEIGHT	8 kg approx. (Main Unit)	
DETECTOR	Photodiode	COMPRESSOR UNIT		

AUTOMIZER	Photodiode	AIR SUPPLY	By oil free mini compressor unit with pressure regulator
IGNITION SYSTEM	Axial Flow Type		
GAS CONTROL	Auto ignition	COMBUSTION	LPG controlled by precision regulator
ASPIRATION TIME	Adjustable with knobs	POWER	230 V +10% AC, 50 Hz
FLAME FAILURE	3 ml. per Minute	DIMENSIONS	290 x 255 x 210 mm (L x B x H) approx.
GAS CUTOFF	Auto detection	WEIGHT	8 Kg approx.
PRINTER	Automatic on power failure Provision for attachment of dot matrix printer with Centronics parallel interface	STANDARD ACCESSORIES	In-built Filters Na & K (1 each), Sample Holders-5 Nos., Air & Gas Tubing-1 Set, Capillary Tubes-5 Nos., Mains Lead-1 No., USB Cable-1 No. Air Compressor-1 No., Chimney-1 No., & Operation Manual.

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.

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Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



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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
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TOC
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Ion Chromatograph



Water purification
system

Regulatory compliances



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