

MAS - 3110

Microarray System



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Multiplexed whole-slide imaging

0.5µm pixel size, equivalent to 20x microscope magnification High sensitivity : high performance analogical PMTs 3-color simultaneous confocal detection

►► Easy automation

Real-time autofocus or in-content focus system 24-slide autoloader for high-throughput applications Automated image acquisition with Mapix software

►► Reliable and traceable results

Barcode reader

Accurate control of acquired images

Scanner supplied with a validation slide which verifies scanner performance

►► Autoloader 24 slides



►► Technical specifications

PIXEL SIZE	0.5 - 40µm		
LASER EXCITATION WAVELENGTH	488nm	532nm	635nm
COMPATIBLE FLUOROPHORES*	Cy2, FITC Alexa Fluor 458, Alexa Fluor 488	Cy3 Alexa Fluor 544, Alexa Fluor 555	Cy5, DRAQ 5 Alexa Fluor 647
LASER POWER	Adjustable (2 laser powers)		
LOADER CAPACITY	1 slide		
DETECTION TYPE	Real-time confocal with 3 analog photomultipliers (PMT)		
PMT GAIN	Adjustable from 0 to 100% (Linear from 1 to 100%)		
OPTICAL FILTER	7 position filter wheel** 1 standard fluorescence and 1 neutral density filter per channel; 5 additional filters on request		
FOCUS	Real-time autofocus Manual focus: offset adjustment 300 µm range, 1 µm increment		
SLIDE SIZE	Compatible with all standard microscope slides: 25-26 x 75-76 mm ² / 1" x 3" ; thickness: 0.9 - 1.2 mm		
SCANNING AREA	Adjustable up to 22 x 74 mm ²		
SCANNING SPEED	From 10 to 35 lines/second (l/s) 3.6 minutes per slide at 10 µm and 10.5min for an area 22x22 mm ² at 1µm		
DYNAMIC RANGE	> 10 ⁴ in normal mode or > 10 ⁶ in dynamic extension mode		
UNIFORMITY	> 95%		
BARCODE READER	Automatic barcode reading		
INTERFACE	Ethernet interface		
IMAGE FORMAT	TIFF (16-bit and 20-bit in dynamic extension mode)		
POWER SUPPLY	~ 100-240 VAC, 1.2 A, 50-60 Hz		
ACQUISITION SOFTWARE	Image acquisition and spot quantification software		
DIMENSIONS (LXDXH)	316 x 549 x 432 mm ³ 12.5" x 21.6" x 17.0"		
WEIGHT	30 kg (66.1 lbs)		

►► AL 3110

LOADER CAPACITY	24 slides
DIMENSIONS (LXDXH)	322 x 656 x 439 mm ³ - 12.7" x 25.8" x 17.3"
WEIGHT	35 kg (77.1 lbs)

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, Manufaturing, 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 Partical
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

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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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