

GDS - 3618

Gel Documentation System



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► DESCRIPTION

GDS 3618 Series Gel Documentation and Analysis System is designed for the detection and documentation of nucleic acids. It adopts a high resolution and highly sensitive scientific grade- Camera, which enables the instrument to capture utter weak signals under extremely low illumination condition. The automatic controls and the intuitive software we offered can help the researchers to get rid of the complicated operation process and increase the experimental efficiency.

►► APPLICABLE DYES

- Ethidium Bromide
- SYBR Gold, SYBR Green, SYBR Safe
- Gel Star
- Texas Red
- Fluorescein
- Gel Red, Gel Green
- Good View Dye etc

►► FEATURES

- High Grade metallic framing for long life
- We use highly sensitive scientific grade CMOS Camera.
- It can image proteins (SDS-PAGE or similar) and it can image colorimetric stained protein gels,
- X ray films

Drawer type high quality UV Transilluminator for ease of placing and taking out sample. User Safety as UV turns off on door opening automatically Better user experience as depending on application, only uses Arabic numeric which are easily adjustable automatically instead of professional parameters of aperture and focus.

►► SPECIFICATIONS

Model	GDS 3618
Camera	5.0 Megapixels/D 16bit; pixel density : 16 bit (CMOSCamera)
Pixel Size	2.4µm x 2.4µm
Sample Area	210mmx 260mm Filter Area
Transmission Wavelength	302nm (Optional 365, 254nm)
Standard Filter	590nm (Other wavelengths optional)
Software	1D Analysis software
Analysis	Applicable for DNA & Protein with white light plate,EPI UV
EPI Light (Reflected)	White Light
Transmission Type	Drawer Type Transilluminator for easy placement ofsample
Safety	Auto UV off when door opens

►► 1D Analysis Software

Analyse gel images from any source

Use your digital camera, smartphone, or gel doc system to obtain images. Our Software will take care of the rest.

Automatic lane and band detection

With full manual control over adding, modifying, and deleting lanes and bands.

Fix run distortions through Recalibration.

Define any number of absolute Rf curves on the image to correct run distortions.

Define and subtract profile background.

Use the built in automatic methods or define background manually.

Quantity and molecular weight calibration.

Use the built-in parametric curve fitting methods to calibrate based on band volume and Rf.

All major operating systems supported.

Runs on Windows, Linux, and MacOS.

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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