

Gel Doc- 3000E Gel Documentation System



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

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

Gel/Chemical Luminescent Imaging System

1. It is forbidden to touch and scratch the lens inside the camera obscura with hands or sharp foreign objects.
2. After placing the test sample, it is necessary to close the door of the instrument to prevent external light from entering the dark box and affecting the experimental results:
3. Do imaging experiments, it is forbidden to shake the experimental table or instrument, so as not to affect the imaging quality,
4. Pay attention to the safety of electricity, and prohibit pulling the power cord and carrying the mobile instrument in the experiment,
5. After the experiment, clean up the samples in the dark box and experimental residues

Features:

• Ultra-HD Imaging

9MP scientific CMOS camera (80% quantum efficiency)

Parallel processing for multi-channel fluorescence

Resolves dense bands with lab-grade clarity

• Smart Operation

Touchscreen interface with intuitive controls

Removable back panel for maintenance

Auto-exposure & real-time burst imaging

• Safety Engineered

UV laser protection shield

Motorized door with auto-lock (patented)

Zero light-leak design

Workflow Advantages:

Gel Imaging

Safe UV transillumination with cut-guard

<3 sec/image capture

Chemiluminescence

5-minute continuous exposure stacking

Trend analysis mode

Data Export

Direct SSD storage

FDA 21 CFR Part 11 compliant reports

Hot Tags: chemiluminescence imaging system, manufacturers, factory, wholesale, price

Gel Imaging System

HD Camera

Automatic protection

The gear mode adjust

Shock-resistant body

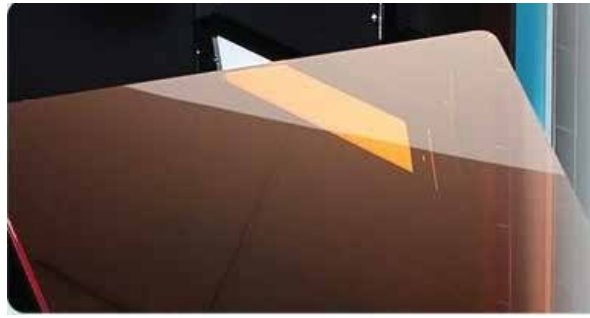
Comes with picture capture

Automatic door opening protection to isolate damage

Ultraviolet laser protection plate

Cutting glue is safe and convenient

Automatic door opening protection system, Prevent UV damage



Intelligent operation is easy to understand

- The operation interface is simple and easy to understand
- Intuitive operation by touching the screen
- Convenient and efficient function setting

CMOS HD camera pixels up to 9 million

• Fast imaging

CMOS parallel model processing capability Supports fast capture of multi-channel fluorescence images with clear resolution of dense bands

• Ultra High Pixel

Up to 9 million pixels

• High sensitivity

- Back-illuminated technology, quantum efficiency exceeds 20% without additional heat dissipation device

- Significantly improves low light signal

• Low power design

Reduce system volume and noise



Parameter :

Product Model	3100 Plus	3300 Plus
Overall dimension	400×371×700mm	400×371×700mm
Camera	Color Camera	Color: black and white/-Color Camera
Resolution	3072 x 20,486.3 million pixels	Camera 1:3000 x 30,009 million pixels Camera 2:8176X5616,45 million pixels
Pixel Size	2.4×2.4μm	Camera 1:3.76x3.76um Camera 2:2.315x2.315um
Shooting field of view	240×240mm	136×136mm
Refrigeration temperature	/	Relative environment -40 #
Light source	Bright field light source: LED white light source,symmetrical distribution on both sides.UV light source: 10nmied array, uniform transmission illumination. 254nm/365nmled UV light source, symmetrical distribution on both sides. Hlue and white double light source optional accassones Blue LightWhim light kansmeton switching, each 3ttt gear power cycle adjustment	Bright field light source: epiled LED white light source, Bilateral symmetrical dis-tribution
Industrial control computer	10.4 inches, 1024 x 768, Windows10 operating system 16G memory, 512g solid state drive, built-in Bluetooth WiFi	10.4 inches, 1024 x 768, Windows10 operating system, 16G memory, 512g solid state drive, built-in Bluetooth WiFi
External interface	2 USB3.0	2 USB3.0
Operating voltage	90~132VAC/180~264VAC (Via switch selection) 47~63Hz	90~132VAC/180~264VAC (Via switch selection) 47~63Hz
Product power	≤300W	<200W
Product net weight	30.65Kg	23.45Kg
Real-time imaging	/	yes
Time imaging	/	yes

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



LCMS



Automated Prep-Flash Chromatography system



Maldi TOF



Optima Gas Chromatograph



Flash Chromatograph



DAC Column



GCMS 3068



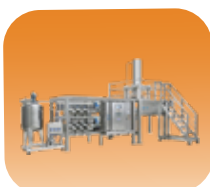
UHPLC



HPTLC



Ion Chromatograph



Production HPLC



Helium Mass Spectrometer Leak Detector



Column



DLS



Water purification system

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

ANALYTICAL FOUNDATION is a Nonprofit Organization (NGO) for the purpose of:



Analytical Foundation

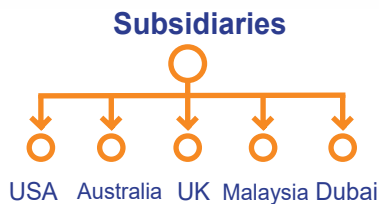
1. Research & Innovation **Scientist's awards & International Conference visit sponsorship / QC Professional Awards:** Quality life is possible by innovation only and the innovation is possible by research only, hence **ANALYTICAL FOUNDATION** is committed to identify such personalities for their contributions 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 DETOXIFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Naturecure, Health Care, Ara, Events, Camps etc.

▶▶ A portion of profit of **ANALYTICAL GROUP** Company's goes into **ANALYTICAL FOUNDATION** for the aboce noble cause.

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