

GEL DOCUMENTATION SYSTEM

Manufacturer of
**Life Science Research
Equipment**



GeM
Government
e Marketplace



EPS Biosolutions offers a wide range of GEL Documentation Systems which are suitable for DNA and Protein quality images to suit for publication and research routine imaging or diagnostic needs.

LUMI SERIES

Features

- Budget Friendly Gel Documentation system
- Digital Camera with high sensitivity CMOS Sensor
- High quality of excellent images
- Light weight Compact Hood
- Research grade single wavelength transilluminator
- Professional scientific Digital CMOS sensor to suit DNA and protein imaging.
- Fully computer controlled darkroom

Applications

EPS offers a comprehensive range of imaging systems- ideal for image acquisition, visualization and documentation.



Technical Specifications & Ordering Information:

MODEL	EPS/GDS/LUMI	EPS/GDS/LUMI PLUS	EPS/GDS/LUMI-PRO
UV Wavelength	312nm	312nm	312nm
Epi White Light	None	None	Slim LED
Camera Type	Digital CMOS	Digital CMOS	Digital CMOS
Camera Resolutions	24.1 MP	24.1 MP	24.1 MP
Imaging Area CM	15x15	21x21	21x21
Dark Room Hood	Rust Proof Compact Powder Coated	Rust Proof Compact Powder Coated	Rust Proof Compact Powder Coated
lens	Fixed Focus	Fixed Focus	Fixed Focus
Analysis	None	None	None
Input Voltage	230V 50HZ	230V 50HZ	230V 50HZ

ELITE SERIES

Features

- Professional quality images to suit for publications, research and routine imaging
- All models feature Epi White illumination using LED lights for uniform illumination.
- Special White trays are also available
- Professional scientific CCD/CMOS sensor to suit DNA and protein imaging.
- UV safety switch. Auto UV cut on opening the dark hood.
- All Models feature Emission filter in the wavelength range 560-610nm, which is ideal for EtBr, SYBR Green etc.



Applications

Applications include Colorimetric, UV fluorescence, fluorescence, TLC imaging, Colonies, etc

CHEMI SERIES

Features

- Twostage peltier to cool CCD to -45 from ambient.
- Exposure time settings Binning, Time-lapse capture mode, Dark frame subtraction, Background corrections, etc.,
- The model features interline CCD camera which increases the collection efficiency even for weak signals.
- Most suitable for higher exposure times.
- Ultra low cooling for ultra read noise levels.



Applications

chemi solo

Chemiluminescence: with time lapse settings for bioluminescence, chemiluminescence, western blot, bio fluorescence.

Chemi & Chemi Pro

- Fluorescence DNA/RNA, bioluminescence, chemiluminescence, western blot & bio fluorescence.
- Bio Fluorescence, Colorimetry, GFP & Multiplexing etc.,



Technical Specifications & Ordering Information:

MODEL	EPS/GDS/ELITE	EPS/GDS/ELITE PRO	EPS/CHEMI SOLO	EPS/CHEMI	EPS/CHEMI-PRO
UV Wavelength	300nm	302nm	302nm	302nm	302nm
Epl White Light	Slim LED	Slim LED	Slim LED	Slim LED	Slim LED
Camera Type - CCD	Non Cooled	Non Cooled	Peltier Cooled	Peltier Cooled	2 Stage Peltier Cooled
Camera Resolutions	4.0 MP	5.0 MP	4.2 MP	4.2 MP	8.4 MP
Imaging Area(CM)	17 x 13	20 x 20	17 x 13	17 x 13	20 x 20
Lens	Fixed Focus	Manual	Fixed Focus	Fixed Focus	Manual
Analysis Software	1D Analysis	1D Analysis	1D Analysis	1D Analysis	1D Analysis
Input Voltage	230V 50HZ	230V 50HZ	230V 50HZ	230V 50HZ	230V 50HZ



Madras University



SRI RAMACHANDRA
UNIVERSITY
Chennai



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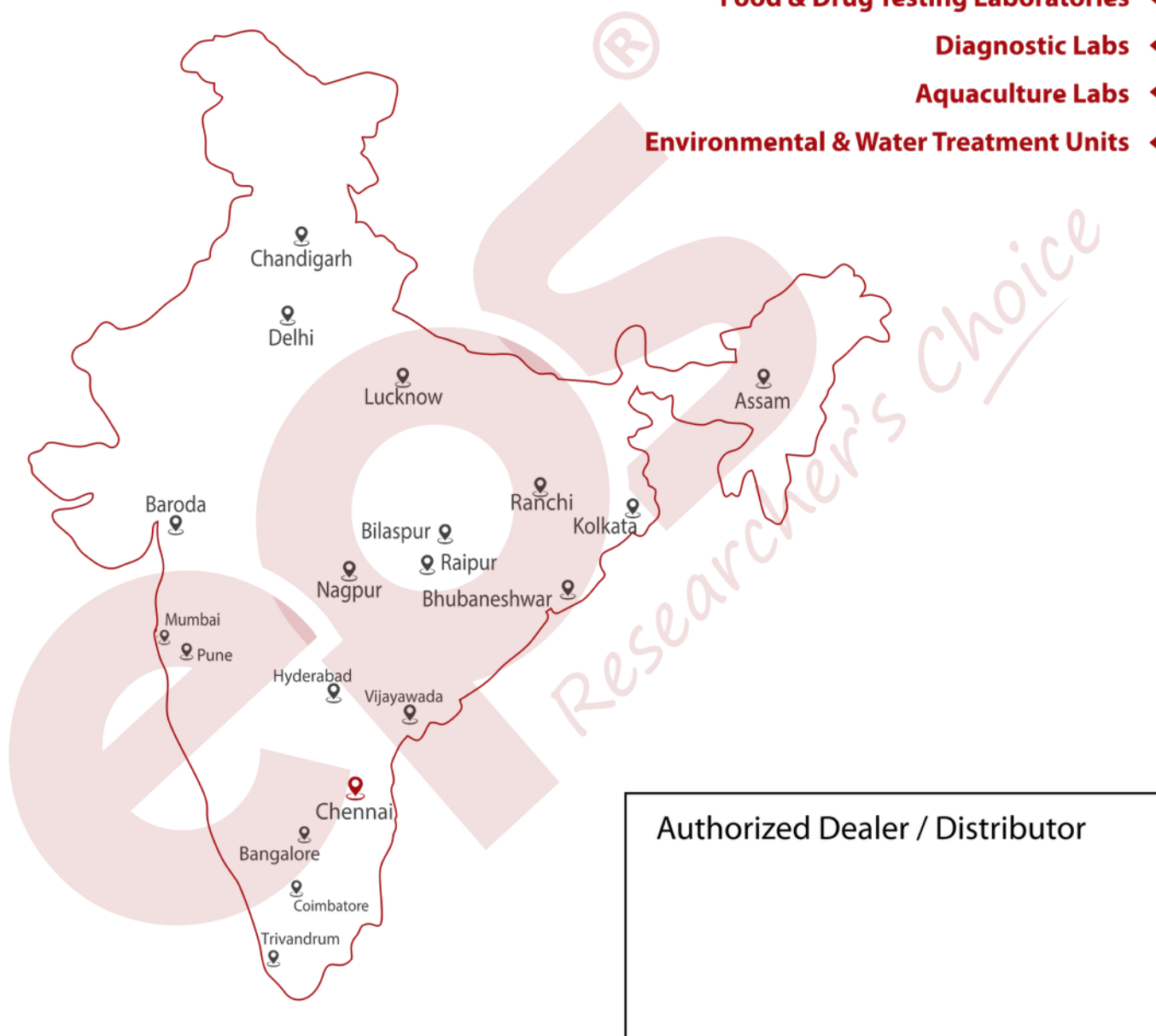
Research Organizations ◀

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Aquaculture Labs ◀

Environmental & Water Treatment Units ◀



EPS Biosolutions

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