



Multi-Imaging System

Multi-imaging system LMIS-A1 Series

This multi-imaging, chemiluminescence system offers higher sensitivity and wider linear range. It has 16-bit cooled CCD camera which reduces the background noise during long exposure time. Its integrated imaging module automatically matches the imaging parameters with diverse samples. With the help of professional software, one click image acquisition and save is possible.

Features

- ◆ Digital 10 inch touch screen display
- ◆ Convenient image navigation and browsing
- ◆ Advanced pixel binning technology
- ◆ 16-bit cooled CCD camera
- ◆ Marker image capture and composition with objective bands

Applications

It has applications in western blot technique for the obtaining high quality images of DNA/RNA bands, in protein detection, ELISA plate reading etc.

Specifications

Model no.	LMIS-A10
Display	10 inch touch screen
Storage	64GB SSD
CCD size	12.49mm×9.99mm
Pixels	2750*2200, 4.54×4.54um
A/D	16 bit
Quantum efficiency	>78%
Grayscale	65536
Cooling temperature	65°C below ambient
lens	F0.95 motorized lens
Light source	Blue LED light transmission
Software	Image acquisition and analysis software
Fluorescent light source	470nm, 530nm, 620nm
Filter wheel	Motorized wheel with 5 sockets
Filter	530nm, 590nm, 690nm
Optional accessories	White LED light source for transmission

Multi-imaging system LMIS-A11

This multi-imaging, chemiluminescence system offers higher sensitivity and wider linear range. It has 16-bit cooled CCD camera which reduces the background noise during long exposure time. This system offers precise automatic exposure, facilities to crop, rotate and counter colour process for the images obtained.

Features

- ◆ 16-bit cooled CCD camera
- ◆ Convenient image navigation and browsing
- ◆ Advanced pixel binning technology
- ◆ Marker image capture and composition with objective bands

Applications

It has applications in genetic engineering, biotechnology, molecular biology for the obtaining high quality images of DNA/RNA bands using various fluorescent dyes, western blot technique, protein detection, ELISA plate reading etc.

Specifications

Model no.	LMIS-A11
CCD size	12.49mm×9.99mm
Pixels	2750*2200, 4.54×4.54um
A/D	16 bit
Quantum efficiency	>78%
Grayscale	65536
Cooling temperature	65°C below ambient
lens	F0.95 motorized lens
Epi white LED	Yes
Light source	Blue LED light transmission
Software	Image acquisition and analysis software
Fluorescent light source	470nm, 530nm, 620nm
Filter wheel	Motorized wheel with 5 sockets
Filter	530nm, 590nm, 690nm
Optional accessories	White LED light source for transmission



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