



Gel Documentation System

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GEL DOCUMENTATION SYSTEM

Gel Documentation system LGDS-A1 series

Gel Documentation system is provided with low noise, cooled CCD camera. It has anti-UV filter which provides UV protection, helps user to observe and seize the gel bar under UV illumination. This system can detect far weaker signals, offers higher sensitivity and wider linear range. With this gel imaging system, it is possible to capture weak signals under low illumination conditions.

Features

- High resolution 10-bit, 16-bit CCD camera
- Motorized lens with spacious zoom range
- Automatic control system, software for the use
- Stable plug and USB port for installation and operations

Applications:

It has applications in genetic engineering, biotechnology, molecular biology for the obtaining high quality images of DNA/RNA bands using various techniques, in western blotting, ELISA and in protein detection etc.

Specifications

Model No.	LGDS-A10	LGDS-A11
CCD camera	5 megapixels, Pixel density 16-bit	1.45 megapixels, Pixels density 16-bit
A/D	10-bit	16-bit
Lens	f1.2 (motorized) transparent lens	
Trans-white illumination	LED White light transmission plate, Sample area: 23cm*32cm	
Ep white illumination	Dual epi-white LED	
UV Transmission	Sample area: 21cm*26cm, Wavelength: 302nm	
Filter	590nm	
Optional accessories	Filters: 460nm, 530nm, 630nm, 670nm UV transmission: 254nm, 365nm	



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