



Gel Documentation System

LBGD-A11

Gel Documentation System LBGD-A11, is a sleek body with a monitor which together provides efficient imaging and quantification capabilities. Features a built-in camera for capturing high-resolution digital images. Incorporated with the transilluminators for visualizing the samples. Outfitted with the control panel to adjust the settings and operations. Designed with multiple filter options to adjust according to the sample.

Features

- ❑ Modernized with an intuitive design that makes it easy for researchers to operate and analyze gel images
- ❑ High-resolution scientific CCD camera with 20 megapixels for clear imaging
- ❑ Installed dedicated software for effective analysis and quantification
- ❑ Equipped with dual wavelength transilluminators for better visibility
- ❑ Easy-to-clean, removable LED platform makes sampling easier
- ❑ Intelligently built software offers great image processing, analysis and quantification

Application

Gel Documentation System is widely used in molecular biology laboratories for quantification, image processing, and analysis of nucleic acids and proteins, various fluorescent dyes, silver-stained glue, deep purple and Pro-Q Diamond, labeling glue/membrane/chip.

Specifications

Model	LBGD-A11
CCD camera	Scientific Digital Camera
Resolution	20 megapixels, 4800×4440
Pixel density	16-bit (65536 Grey scales)
High QE	0.85
Readout Noise	3.1e-RMS
Signal to Noise ratio	75.2db
Sensitivity	5pg EB-stained DNA
Lens	F1.2 motorized lens
Light Source	White light LED×2

Optional Accessories

Accessories No.	Accessories Name
1.	530 nm filter system