



Gel Documentation System

LBGD-A10

Gel Documentation System LBGD-A10 is a close-packed vertical gel documentation system designed for nucleic acid and protein quantification. Equipped with 16-bit high-resolution power and a highly sensitive CCD camera to capture the gel images efficiently. The captured images can be easily saved for later analysis in varied formats. Integrated with UV and white light transilluminators to visualize samples.

Features

- ❑ Built-in UV transilluminator provides clear visualization of fluorescent dye-stained samples
- ❑ Offers the analysis of the colorimetric samples using a White light transilluminator
- ❑ Designed with a scientific high-resolution CCD camera for precise and sharp images
- ❑ An easy-to-open and close door design ensures smooth operation
- ❑ Equipped with easily removable and attachable LED plate
- ❑ Smartly designed intuitive software simplifies image processing, analysis, and quantification

Application

Gel Documentation System is mainly used in molecular biology laboratories for imaging and documentation of nucleic acid, proteins, various fluorescent dyes, silver-stained glue, deep purple and Pro-Q Diamond, labelling glue/membrane/chip.

Specifications

Model	LBGD-A10
CCD Camera	Scientific Digital Camera
Resolution	5 megapixels, 2592 ×1944
Pixel Density	16-bit (65536 Grey scales)
High QE	0.75
Readout Noise	5.1e-RMS
Signal to Noise Ratio	70.1db
Sensitivity	10pg EB-stained DNA
Lens	F1.2 motorized lens
Filter System	Standard 590nm filter
Light Source	White light LED×2

Optional Accessories

Accessories No.	Accessories Name
1.	530 nm filter system