



# **Gel Documentation System LBGD-A11**

## Overview

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

## Specifications :

|                       |                            |
|-----------------------|----------------------------|
| 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          |

## Applications :

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.

## Optional Accessories :

530 nm filter system