

## Fully Automatic Gel Imaging System

Product Number: AG8100

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### Gel Imaging system

The gel imaging system is equipped with a fully automatic computer control system and high-resolution, high-sensitivity imaging components to ensure clear capture of images such as DNA/RNA electrophoresis gel, protein electrophoresis gel, and spot hybridization under low illumination without fear of band loss. Combined with powerful professional gel image analysis software, it helps molecular biology and clinical researchers to efficiently obtain accurate electrophoresis result images and analysis data.



### Application

1. Nucleic acid detection: Compatible with a variety of nucleic acid dyes, such as EB, Gel Signal Red, Gel SignalGreen, SYBR Gold, SYBR Green, SYBR Safe, Gel Star, etc.
2. Protein detection: Coomassie brilliant blue gel, silver staining gel, etc.
3. Other applications: Culture dish colony imaging, etc.

### Features

1. High sensitivity and high resolution: Can detect low concentrations of DNA/RNA and identify and distinguish very close bands, low background noise, high dynamic range.
2. High-resolution autofocus lens: Provides clear image details, improves operating experience and avoids human operation errors.
3. Modular design, flexible application expansion: Can choose fluorescence module, white light transillumination module, blue light transillumination module according to experimental needs.
4. The software is intuitive and friendly with complete functions: Touch screen/external computer one-key switching solution to meet the operating habits of different users.
5. Flexible control method: Touch screen/external computer one-key switching solution to meet the operating habits of different users.

### Specification

Model	AG8100
Camera	8 megapixels
Lens	High-resolution auto-focus lens
Display	13.3-inch touch screen
Working area	21cm×26cm



## **MEBEP TECH(HK) Co., Limited**

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LED light source	Built-in LED UV/blue light/white light
LED Lifetime	>30000 h
Max. excitation wavelength	Blue light: 470nm; Uv: 302nm
Dimension	L400×W400×H500mm
Weight	50kg
Power supply	220V; 50/60Hz