



GEL INSTRUMENT BGEL-501

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GEL DOCUMENTATION SYSTEM

Gel instrument is a technique used in laboratory to separate charged molecules like DNA, RNA and proteins according to their size. Gel electrophoresis instruments are commonly used to run and compare DNA samples.



The zoom, focus, aperture, UV light and white light can be controlled by PC.
Auto-delay-shutdown function for UV light.
6x zoom lens, easy to observe the zooming of gel.
The zoom, focus, aperture, UV light and white light can be controlled by PC.
Effective pixel 1280x1024

SPECIFICATIONS

| | |
|---------------------------------------|--|
| Model | BGEL-501 |
| Effective pixel | 1280x1024 |
| Pixel density | 10 bit |
| Pixel size | 5.4x5.4 (µm) |
| Resolution | 1.4 megapixels |
| Signal to noise ratio | ≥56 db |
| Sensitivity | Can detect the double chain DNA of EB staining below 20 pg |
| Camera | Low illumination and high resolution digital CCD |
| Zoom lens | F=1:1.2, 2/3 inch 6x zoom lens |
| Filter | 590 (nm) |
| UV light transmission size (WxL) | 250x200 mm |
| Visible light transmission size (WxL) | 250x210 mm |
| Transmission UV wavelength | 302 nm |
| Reflectance UV wavelength | 254, 365 nm |
| Transmission UV lamp power | 302 nm (8W) |
| Reflectance UV lamp power | 254 nm (11W), 365 nm (11W) |
| Dimension (LxWxH) | 470x405x820 mm |
| Weight | 29.0 kg |
| Alt Name | Gel Documentation system |

APPLICATIONS

Forensic, molecular biology, genetics, microbiology labs, gel electrophoresis instruments



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