



GEL DOCUMENTATION SYSTEM BGEL-501

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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. Used in Forensic, molecular biology, genetics, microbiology labs, gel electrophoresis instruments. Also known as Laboratory Gel instrument.

BGEL-501 GEL DOCUMENTATION SYSTEM



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 (um)
Resolution	1.4 megapixels
Signal to noise ratio	≥56db
Sensitivity	Can detect the double chain DNA of EB staining below 20pg
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	302nm (8W)
Reflectance UV lamp power	254nm (11W), 365nm (11W)
Dimension (LxWxH)	470x405x820 mm
Weight	29.0 kg



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