



ESB-GEL04S-3C

ESB-GEL04S-3E

Gel Document Imaging System



LABORATORY



Features

Gel Document Imaging System is used for gel band observation and analysis after electrophoresis run by using software technology and the band picture can be zoomed in or zoomed out according to user's requirements.

* CCD with lower lux and high-resolution

* Six time zoom lens and simple to enlarge and shrink gel photos

* A multi-layer gel-filter effectively filters background noise

* The gel can be placed in the center position by the indicator.

* Intelligent control box:

a. The zoon, focus, aperture, UV light and white light can be controlled through panel key and computer.

b. The UV light can shut down when the door is opened and reactivate when the door is shut

c. The UV light protection system can shut down the lights with 15 minute delay automatically.

d. Drawer-style gel platform.

Technical parameters

Model	ESB-GEL04S-3C	ESB-GEL04S-3S
Effective Pixels	1280*1024	2560 *1920
Pixel Density	10 bit	
Pixel Size	5.4*5.4µm	
Resolution	1.4 megapixels	5.0 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 6 times zoom lens	
Filter	590nm	
UV Light Transmission Area(W*L)	250*200mm	
Visible Light Transmittance Area(W*L)	250*210mm	
Transmission UV Wavelength	302nm	
Reflectance UV Wavelength	254, 365nm	
Transmission UV Lamp Power	8W	
Reflectance UV lamp Power	11W	
External Size(L*W*H)	470*405*820mm	
Package Size(L*W*H)	Main machine:710*760*1390mm,Accessory:420*320*330mm	
Gross Weight	Main machine:61kg,Accessory:2.5kg	



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