

Gel Documentation System

Laby™

U.V. TRANS. (302 & 365 nm)



Model: UV-302/365

Most Advance
Nikon Digital SLR
Camera
(with Tilted Screen towards user)



Model: GD-1



Gel Doc Hood

Specifications

Excellent optics coupled to a high quality camera, the gel. LUMINAX gel documentation system, is a high performance and reliable fluorescent and colorimeter bio-imaging system. Featuring 18 megapixel digital camera, the camera connects to a PC through a USB and can be controlled from the PC. The light-tight cabinet has a UV safety switch and a roll-out transilluminator. A choice of illumination options with UV trans/epi lighting, wave length-specific LEDs and more, adds to the versatility of the system.

Ultraviolet transilluminator is provide in 312 & 365 nm dual ranges. Filter size of tranilluminator is 210x260nm (which is extra large). Epi white light illumination from above is standard. Optionally, ultraviolet epi-illuminator in a variety of wavelengths can also be provided. The dark room cabinet has features for safety switch that switches off the UV lights as soon as the door is opened.

The gel doc system is perfect for diagnostic labs, Biotech start-ups for HLA typing facilities, DNA and protein research and academic labs.

Camera Features

- ▶ 18 Megapixels Digital SLR Camera(DSLR).
- ▶ 8 GB Memory Card storage and 24 Bit RGB.
- ▶ Zoom Lense 18-55 mm and another Zoom Lenses 55-250mm.
- ▶ EtBr 590 Filter.
- ▶ 312nm / 365nm UV.
- ▶ Operates camera directly and also via P.C. (i.e, Live on computer).
- ▶ 7.7cm/3 LCD Hybrid CMOS Auto Focus.
- ▶ Wireless Remote control shooting of pictures directly from camera also Image storing card.
- ▶ Options:- Fixed LCD Screen and Tilt Rotatable Screen.

Dark Room Cabinet Features

- ▶ Dark room cabinet having removable UV Transilluminator with UV safety cover
- ▶ Dark room cabinet (Gel Documentation hood have dark black finishing inside). It have special port for U.V. Transilluminator which can easily come out from cabinet.
- ▶ It have built in 2 white lights which works as E-epi-Illuminator.
- ▶ Built in device having the camera at top and base fitted with rubber feet.

Software Features

- ▶ Gel capture software comes as standard accessories with digital camera.
- ▶ Complimentary C.D. of gel analysis software download from internet through special technique.
- ▶ Complimentary C.D. of TUTOR software download from internet through special technique.

Advantages

- ▶ Easy to use, Low cost, yet high quality images.
- ▶ High Grade auto focus DSLR Camera that can be Mounted conveniently.
- ▶ Easy access to Transilluminator.
- ▶ Transilluminator can come out as fitted in drawer.

U.V. Gel Transilluminator

Model: UV-302/365 is supplied with this system. Detailed description at page No. 13 .

ISO : 9001, ISO : 13485, GMP, CE, MSME



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