

Gel Documentation System GS-1400



Description

Gel Documentation System GS-1400 add a UV transmission; UV+BLUE light transmission, and UV+BLUE+White light transmission plate for detection of nucleic acid and protein fluorescence and provide low background light.

Scientific CCD camera controllable from PC, operation mode convertor, multi fluorescence mode, ultra-slim transilluminator for blue light and white light transmission, and UV transilluminator contain a non-lamp design for uniform transmission.

Applicable for protein inspection such as commassie brilliant blue, silver staining, fluorescent dyes, and many more, ELISA plate, petri dish colony counter, TLC plate, etc. and gel inspection such as diverse dyes, marked DNA/RNA detection, etc.

Aimed to detect and documentation of DNA/RNA and proteins. The system is built for high performance and automation and features a next-generation, high quantum efficiency scientific digital camera, and F1.2 motorized lens for even greater sensitivity and compatible with 8 Sockets filter wheel.

Build-in software for image enhancement, editing, and image analysis. Detect far weaker signal and offer higher sensitivity and wider linear range, human-computer interactive program.

Technical:

Model	GS-1200	GS-1400	GS-1260T	GS-1800T
Lens	F1.2 motorized lens			
Type	-		Embedded industry computer with touch screen	
Camera	Scientific Digital Camera			
Resolution	5.0 MP, 2592×1994	5.2 MP, 2560×2048	5.0 MP, 2592×1994	5.2 MP, 2560×2048
Efficiency	770%	782%	770%	782%
Pixel Density	16 bit(65536 gray scale)			
Filter Wheel	8 sockets filter wheel			
Readout Noise	5.1e-RMS	3.2eRMS	5.1e-RMS	3.2eRMS
SNR	70.1db	72.8db	70.1db	72.8db
Cooling Temperature	25°C			
Excitation Light	UV Light Ex365, Blue Light Ex470, Green Light Ex530, Red Light Ex630, Near infrared Ex660, Near infrared Ex770			
Filters	Em460/30F, Em460/31F, Em460/32F, Em460/33F, Em460/34F, Em460/35F			
Internal Dimension	430×380×690 mm			
External Dimension	550×490×760 mm			
Weight	33 kg			
Catalogue No.	3402505-04	3402510-04	3402515-04	3402520-04

Shipping:	2 - 3 weeks Delivery.
cooling_temperature:	25C
filter_wheel:	8 sockets filter wheel
efficiency:	782%
camera:	Scientific Digital Camera
lens:	F1.2 motorized lens
design_type:	-
intensity:	-

UV Shield:	-
filter_size:	-
resolution:	5.2 MP, 25602048
wavelength:	-
model:	GS-1400

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