invitrogen

Technical Specifications for the iGlow Gel Documentation System

Capture publication-ready protein and nucleic acid gel images with one touch. The Invitrogen™ iGlow™ Gel Documentation System brings simplicity to everyday gel imaging with autofocus, an intuitive touchscreen, guided workflows, and smooth data management. It includes Invitrogen™ iBright™ Analysis Software to generate clear, consistent reports and save and share results in multiple formats. Automatic tray recognition and safety shield sensor simplify setup, facilitate safety, and help minimize user error. Blue LED lighting helps safeguard your samples, and the compact, sleek design fits easily on any bench.

Optics	
Imaging modes	Colorimetric, fluorescent, GFP colony counting
Detector	Scientific CMOS (sCMOS)
Resolution	5.0 megapixels
Field of view	5.5 x 8.3 in. (14 x 21 cm)
System interface	
Touchscreen	12.1 in. LCD display, 1,024 x 768 pixels
Sample drawer	Manually operated
Connectivity and storage	
USB version	2.0, 3.0
Networking	Ethernet port, 2.4 GHz Wi-Fi
Image file types	TIFF, JPG, PNG, IBA (proprietary)
Built-in computer details	
Hard drive	500 GB solid-state drive
Storage available	400 GB
RAM	8 GB
Illumination sources	
Transillumination	UV, blue, and white LED
LED spectra	UV: 300–310 nm Blue: 460–470 nm White: 400–800 nm
Preinstalled filter	590 nm emission filter
Physical characteristics	
Power supply	100–240 VAC
Dimensions (L x W x H)	15 x 18 x 16 in. (38 x 45 x 41 cm)
Weight	48.5 lb (22 kg)
Operating conditions (indoor use)	5–40°C, <80% humidity

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