



GEL DOCUMENTATION CCD

Complete Solution for Life Science Research

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A **Gel doc**, also known as a **gel documentation system**, **gel image system** or **gel imager**, refers to equipment widely used in molecular biology laboratories for the imaging and documentation of nucleic acid and protein suspended within polyacrylamide or agarose gels. These gels are typically stained with ethidium bromide or other nucleic acid stains such as GelGreen. Generally, a gel doc includes an ultraviolet (UV) light transilluminator, a hood or a darkroom to shield external light sources and protect the user from UV exposure, and a CCD camera for image capturing. With advancement in CMOS camera sensors like Sony's Pregius and Exmor series, low light capable cameras made of these sensors are also being incorporated in gel documentation systems

Technical Specification

Description	Gel Documentation
Material	MS with Powder Coated
Camera	CCD Camera
Camera Features	Live View, USB Mode One Click Image Capture
Camera Filter	Standard 590 Filter
Camera Hood	Dark Room Standard white light illumination
UV Transilluminator	Research Model
Viewing Area	21 x 21 cms
Wavelength	312nm
UV Tubes	Imported UV Bulb 6 No's with 8 Watts Each
Filter	Imported Quartz UV Filter
Detection Limit	0.1ng
Application	DNA and RNA gels imaging Standard Ethidium bromide gel stain. Protein gels
Software	Software for Image Acquisition
User Manual	Yes

Ordering Information:

Cat#	Description	Qty
BIO-GD-01	Gel Documentation (College Model)	1 No
BIO-GD-02	Gel Documentation (Research) CMOS with 1D Software	1 No
BIO-GD-03	Gel Documentation (Research) CCD with 1D Image Analysis Software	1 No

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