



Overview

Gel Documentation System features a scientific monochrome digital camera designed for high-resolution imaging. It includes a standard filter system compatible with various commonly used stains. This unit integrates a UV protection device to enhance user safety. It offers an EPI-light source system with two built-in white LEDs as standard. Our system comes with a darkroom with no light leakage to ensure optimal conditions for capturing sensitive gel images

TECHNICAL SPECIFICATIONS:-

- Camera: Scientific monochrome digital camera
- Resolution: 5 Megapixels, 2592×1944, 600DPI
- Pixel density: 16-bit (65536 grey scales)
- Quantum efficiency: 75%
- Readout noise: 5.1e- RMS
- SNR: 70.1db
- Lens: F1.2 Electronic lens (8 to 48mm, 6× zoom)
- Filter system: Standard gel doc filter
- EPI-Light source: EPI-White LED×2
- EPI-Blue LED×2 (optional)
- EPI-UV (302nm, 254nm, 365nm) (optional)
- UV transmission: Peak wavelength: 302 nm
(optional 254nm or 365nm)
- Area: 210×260mm
- White LED plate area: 190×260mm

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Power supply: AC100 to 240V 50/60 Hz
- Darkroom dimension: 430×360×700 mm
- Product dimension: 360×430×700 mm
- Package dimension: 500×550×880 mm
- Net weight: 21kg
- Gross weight: 26kg

Features :

- >Automatic lens focusing
- >Low readout noise
- >USB 3.0 connectivity
- >Wi-Fi data transfer
- >Image analysis software
- >Flash disk storage
- >CE-certified system

Applications :

Gel Documentation System is used for capturing and analyzing high-resolution images of nucleic acid and protein samples to support research and documentation in molecular biology. It is commonly applied in gel documentation, protein gel analysis, and imaging of samples in dishes or flasks.

Standard Accessories :

UV protection device -1pc

White transmission -1pc

Flash disk with Image Acquisition and Analysis software for an unlimited number of users- 1pc

Power cord -1pc

USB Cable 3.0 -1pc

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