

STAND-ALONE GEL DOCUMENTATION SYSTEM



Product highlight :-

- 1. High resolution and high sensitivity digital camera**
16-bit high sensitivity digital camera, detecting very low-abundance DNA/RNA
- 2. One click to get the optimum gel image**
Automatically capture images and identify the sample type when the sample tray is docked
- 3. Stand-alone system, small footprint**
Built-in 10.1-inch touchscreen, no external computer needed
- 4. Multi-touch screen**
Double-tap the touch screen to capture the image, swipe up and down to adjust the contrast

Product Introduction :-

Gel Imager features intelligent operation for an unrivaled ease of use. Just one click, it offers the best sensitivity and speed, and reaches the lowest limits of detection for your DNA, RNA and protein applications. Its elegant design and small footprint allow it to fit into any laboratory environment, no external computer needed.



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REGISTERED OFFICE :-

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MANUFACTURING :-

PLOT NO. 360, IMT INDUSTRIAL ESTATE, SECTOR 68, FARIDABAD, HARYANA - 121004

STAND-ALONE GEL DOCUMENTATION SYSTEM



Product highlight :-

Used for nucleic acid gel imaging and analysis of safe and low toxic dye labeling, gel cutting and recycling; Coomassie blue/silver stained protein gel imaging and analysis. protein gel imaging and analysis.

GSMIn Image Capture and Processing Software :-

- Auto-exposure function. Just one click, the optimum gel image is captured and automatically saved.
- Shooting mode: automatic shooting, manual shooting, and multi frame shooting.
- Exposure mode: Ultra-high resolution or ultra-high sensitivity.
- Swipe up and down the touchscreen to adjust the contrast.

Multi-band Image Analysis Software :-

- Automatically identifies lanes and bands. Lanes can be added, deleted and adjusted as needed to achieve accurate lane separation.
- 02. The integral value of optical density and peak pattern of each band are calculated automatically, which is convenient to calculate the molecular weight of each band.
- 03. Automatically subtract the background to get accurate and optimized image analysis data.
- 04. The analysis results can be exported in Excel file.



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Product Specification :-

Parameter	HBS S2 Pro Gel documentation system
Resolution	6.37 megapixels
Grayscale	16 bit (65536 levels)
Binning	1*1, 2*2, 3*3, 4*4
Lens	High resolution fixed focal lens, F/1.4 aperture
Touch-screen	Built-in 10.1-inch touch screen
Maximum imaging area	185mm* 125mm
Sample stage	Electric retractable sample stage with automatic light source matching
Sample tray	trans-UV 302nm, trans-blue 470nm trans-white
Software	GSMINI Image Capture and Processing Software Multi-band Image Analysis Software
Operating condition	Operating temperature: 15°C-30°C, operating humidity: 20%-70%
Storage condition	Storage temperature: 5°C-40°C, storage humidity: 10%-80%



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Product Specification :-

Parameter	HBS S2 Pro Gel documentation system
Interface	USB 2 *2
Input voltage	100~240V AC, 50/60Hz
Power	45W
Dimension	286mm*355mm*321mm(W*D*H)
Weight	13KG



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