

MODEL NO:- HBS-510 GEL DOCUMENTATION SYSTEM WITH 5 MP CAMERA



FEATURES :-

High Sensitivity and resolution

Scientific 16 bit CCD camera with ultra-high quantum efficiency and resolution ensures the capture of weak signals and provides high-quality images.

Orbital UV transmission plate

Orbital UV trans illuminator makes it easier to place samples. With a special UV protection shield, the system provides a wide view field to observe the samples.

Easily Removable LED Plate

White and Blue LED plate can be easily equipped and removed. Such design makes the plates easily to be cleaned.

Pseudo color functions

Pseudo color functions displays bands with different brightness in different colors and makes the samples more Intuitive.

Application Range

DNA/RNA detection

Various fluorescent dyes, such as: EtBr, Gel Red, Gel Green, SYBR TM Gold, SYBR TM Green, SYBR TM Safe, Fluorescein, Texas Red labeled DNA / RNA detection



sales@helixbiosciences.com



www.helixbiosciences.com



+91-11-41613622
1800-890-4669

REGISTERED OFFICE :-

A-7, SOUTH WEST DELHI, NARAINA INDUSTRIAL AREA PHASE 1, NEW DELHI - 110028

MANUFACTURING :-

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

MODEL NO:- HBS-520 GEL DOCUMENTATION SYSTEM WITH 20 MP CAMERA



Protein detection

Coomassie brilliant blue, silver-stained glue and fluor escent dyes, such as:
Sypro TM Red, Deep Pur ple and Pro-Q Diamond, labeling
glue/ membrane/ chip, etc.

SPECIFICATION :-

Camera

- Resolution: 5 MP, 2592*1944 & 20 MP , 4800* 4440
- Grey Scale: 16bit (65536 Grey scales)
- Quantum Efficiency: 75%
- Readout noise: 5.1e- RMS
- Signal to Noise Ratio (SNR): 70.1db
- Sensitivity: 10pg EB stained DNA

Lens

- F1.2 motorized lens
- Auto focus function
- Filter system
- Standard 590nm filter

Sample trays

- UV Plate: Wavelength 302nm(Optional 254nm or 365nm), Transmission area: 21cm*26cm
- White LED Plate: Transmission area 21cm*26cm
- Optional Blue LED Plate: Transmission area 21cm*26cm

UV Protection Shield



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