

# Digimage System

The Digimage System is a simple, compact gel documentation system with a rear digital control panel. It contains a digital camera with a superb resolution of 14.7 megapixels. The image is viewed from a large 8" TFT colorful screen. For limited space, low budget requirements, the Digimage System can be operated computer free. A variety of images can be captured from agarose and other fluorescent gels, colorimetric gels, autoradiography film, and blotting membrane. A safety switch is equipped to turn off the UV Transilluminator automatically when the front door is opened. Files can be saved in a variety of formats, including RAW format, for transfer to a computer for storage and analysis. The Digimage System can also directly connect to a thermal printer for printing the result immediately.

This product is offered as a complete system for the user to perform image capture, including:

- 1 x Digimage System hood
- 1 x 14.7 megapixels digital camera
- 1 x DC coupler
- 1 x lens adaptor
- 1 x 8" colorful TFT screen
- 1 x 2GB memory card
- 1 x memory card reader
- 1 x EtBr filter or SYBR Filter (optional)



## Features

- >14.7 megapixels digital camera
- >High resolution 8" TFT screen
- >Digital control panel
- >Compact hood and lightweight
- >Multi focus area selection
- >Can be operated computer free
- >Connect port for thermal printer
- >Inner 2 x 3 watt white light LED
- >Safety door switch
- >Multi power source
- >Gel analysis software package available as an option
- >Universal rated voltage: 100 ~ 240V

## touch pad control panel



Cat. No. :DI-HD



Cat. No. :DI-01



## Specification

### Camera

Type	5 x optical / 4 x digital zoom digital camera
Effective Pixels	approx. 14.7 megapixels
CCD	1/1.7" high-density CCD; total pixels 15.0 million
Maximum Aperture	f/2.8 (W) ~ f/4.5 (T)
Shutter Speed	15 ~ 1/4000 sec.
Filters	+3 Close up filter and EtBr or SYBR Green filter (optional)
Storage Media	memory card
Computer Interface	USB 2.0 Hi-Speed (mini-B jack)
Video Out	NTSC / PAL

### Darkroom

Multi-power Source	For camera, inner white LED, TFT screen
Inner White light	2 x 3 watt white LED
Safety Device	Safety door switch
Unit Dimension (W x D x H)	290 x 220 x 320mm
Rated Voltage	110V ~ 240V
Unit Weight	approx. 6.1kg

### 8" TFT Screen

Type	8" TFT crystal screen
Resolution	800 x 600 pixels
Brightness	350cd / m <sup>2</sup>
Constant Ratio	300 : 1
Display Mode	NTSC / PAL / SECAM mode auto switching



## Ordering Information

DI-01	Digimage System with 14.7 megapixels digital camera
<b>DI-HD exclude 14.7 megapixel digital camera, DC coupler, 2GB memory card, and memory card reader</b>	
DI-HD	Digimage System Hood without digital camera
DI-CLEB	Close up lens and EtBr filter for Digimage System
DI-CLSG	Close up lens and SYBR Green filter for Digimage System
DI-CL	Close up lens for Digimage System
DI-EB	EtBr filter for Digimage System
DI-SG	SYBR Green filter for Digimage System
DI-DR50	DC coupler
DI-WL01	36 x 24cm white light plate with 30 x 20cm view dimension
DI-P93TW	Mitsubishi thermal printer
DI-UNSCAN-IT	Basic gel analysis software package

