

Compact Digimage System

The Compact digimage system is a complete, and compact gel documentation system with a digital control panel. It contains a digital camera with a superb resolution of 14.7 megapixels. The system is equipped with a built-in UV transilluminator and a large 8" TFT colorful screen for gel observation. Its side access design provides safety and convenience for the user to recover the agarose gel. For limited space, low budget requirements, the Compact digimage system can be operated computer free. A variety of images can be captured from agarose and other fluorescent gels, colorimetric gels, auto radiography 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.



Renewed



Renewed



Cat. No. :UVDI-CB series



Cat. No. :UVDI series

Features

- >14.7 megepixels digital camera
- >High resolution 8" TFT screen
- >Digital control panel
- >Compact chamber and lightweight
- >Multi focus area selection
- >Built-in UV transilluminator
- >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

8" TFT screen



View window



convenient access on both side



Built-in UV transilluminator



touch pad control panel



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
Side Access	For cutting gels
Unit Dimension (W x D x H)	335 x 540 x 470mm
Chamber Construction Material	Painted metal
Rated Voltage	110V ~ 220V
Unit Weight	approx. 20.0kg

8" TFT Screen

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

UV Transilluminator

Wavelength	254 / 312 / 365nm
Filter Size	210 x 210mm
Light Source	8W x 6 tubes
Filter	Long life filter
Intensity Switch	High (100%) / Low (70%) Intensity switch

DI-CL



DI-EB



DI-SG



DI-WL01



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

- 1 x Compact Digimage System chamber
- 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)
- 1 x Built-in UV transilluminator

Ordering Information

UVDI-254	Compact Digimage System with 14.7 megapixel digital camera and built-in 254nm UV Transilluminator
UVDI-312	Compact Digimage System with 14.7 megapixel digital camera and built-in 312nm UV Transilluminator
UVDI-365	Compact Digimage System with 14.7 megapixel digital camera and built-in 365nm UV Transilluminator
UVDI-254/365	Compact Digimage System with 14.7 megapixel digital camera and built-in 254 & 365nm UV Transilluminator
UVDI-254/312	Compact Digimage System with 14.7 megapixel digital camera and built-in 254 & 312nm UV Transilluminator

UVDI-CB series excludes 14.7 megapixel digital camera, DC coupler, 2GB memory card, and memory card reader

UVDI-CB-254	Compact Digimage System with built-in 254nm UV Transilluminator, without digital camera
UVDI-CB-312	Compact Digimage System with built-in 312nm UV Transilluminator, without digital camera
UVDI-CB-365	Compact Digimage System with built-in 365nm UV Transilluminator, without digital camera
UVDI-CB-254/365	Compact Digimage System with built-in 254 & 365nm UV Transilluminator, without digital camera
UVDI-CB-254/312	Compact Digimage System with built-in 254 & 312nm UV Transilluminator, without digital camera
DI-CLEB	Close up lens and EtBr filter for Compact Digimage System
DI-CLSG	Close up lens and SYBR Green filter for Compact Digimage System
DI-CL	Close up lens for Compact Digimage System
DI-EB	EtBr filter for Compact Digimage System
DI-SG	SYBR Green filter for Compact 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
MUV-T254	8W 254nm UV lamp
MUV-T312	8W 312nm UV lamp
MUV-T365	8W 365nm UV lamp
MUV-F21-254/365	21 x 21cm filter for built-in 254 / 365nm UV Transilluminator
MUV-F21-312	21 x 21cm filter for built-in 312nm UV Transilluminator