

MS Compact CCD Image System

The Major Science CCD compact image system is an easy to operate, and ultra compact CCD gel documentation system. It contains a superb resolution of 10.4" built-in colorful computer touch screen display and a built in UV transilluminator supplying a complete system at one location for fluorescent imaging. This self-contained system features a scientific grade CCD camera for capturing high resolution images with simple yet versatile capture and save options. High sensitive 0.4 megapixel CCD camera is offered with the compact system. The added feature is to have both side access of the chamber to recover the gel bands easily and safely. This system can also be used for auto radiography film. Analysis software package is also offered as an option if needed.



New

CE

Cat. No. :UVCI series

Features

- >Fluorescent imaging
- >10.4" colorful touch screen technology and built-in computer for fast, easy imaging
- >mounted USB port for saving images and transferring images
- >Compact configuration and size
- >Inner 2 x 3 watt white light LED for uniform white light illumination
- >Safety door switch
- >Connect port for thermal printer
- >Options of EtBr filter and SYBR Green filter are available
- >Convenient access on the left side for gel operation
- >Universal rated voltage: 100 ~ 240V

Software Interface

- >Capture, view, save and print images with the touch screen technology:
- >See a LIVE preview of gels, plates and colonies
- >SNAP (capture) the image
- >SAVE the image in BMP (8 bit) file format
- >PRINT to any digital printer

Transillumination

- >Photo shows the FirstLight Uniform UV illuminator
- >Different wavelength modes can be offered as options

MS image capture software



CCD Video Camera

Type	Composite monochrome
Sensor	CCD Chip
Max. CCD Resolution	811 x 508 pixels
Pixel Density	8 bit
Lens	F1.2, 8.5 ~ 51mm
Filters	+2 close up filter and EtBr or SYBR Green filter (optional)
Power	DC12V / 200mA

Integrated Processor and LCD Monitor

Control Panel	10.4" colorful touch screen
Camera Integration	24x pre-set integration
Realtime Image Capture	manual-save images in BMP format
Image Storage	4G DOM (Disk on Module)
Interface	Thermal printer BNC interface / Network connectivity / USB interface

Darkroom

Inner White light	2 of 3 watt white LED
Safety Device	Safety door switch
Side Access	For cutting gels
Unit Dimension (W x D x H)	350 x 530 x 670mm
Unit Weight	approx. 26.0kg

Transilluminator

Built-in UV Transilluminator	254 / 312 / 365nm (optional)
UV Transilluminator Filter Size	21 x 21cm
Light Source	8 watt x 6 tubes

Touch screen



Convenient access



USB and network interface



Built-in UV transilluminator



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

- 1 x Compact CCD Image System chamber
- 1 x CCD camera
- 1 x Zoom lens kit
- 1 x USB interface keyboard
- 1 x USB interface mouse
- 1 x Close up lens
- 1 x EtBr filter or SYBR Filter
- 1 x Built-in UV transilluminator
- 1 x Major Science image capture software disk

Ordering Information

UVCI-01-254	Compact Image System with 0.4 megapixels CCD camera and built-in 254nm UV Transilluminator
UVCI-01-312	Compact Image System with 0.4 megapixels CCD camera and built-in 312nm UV Transilluminator
UVCI-01-365	Compact Image System with 0.4 megapixels CCD camera and built-in 365nm UV Transilluminator
UVCI-01-254/365	Compact Image System with 0.4 megapixels CCD camera and built-in 254 & 365nm UV Transilluminator
UVCI-01-254/312	Compact Image System with 0.4 megapixels CCD camera and built-in 254 & 312nm UV Transilluminator
UVCI-CLEB	Close up lens and EtBr filter for MS Compact CCD Image System
UVCI-CLSG	Close up lens and SYBR Green filter for MS Compact CCD Image System
UVCI-CL	Close up lens for MS Compact CCD Image System
CI-EB	EtBr filter for MS Compact CCD Image System
CI-SG	SYBR Green filter for MS Compact CCD Image System
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

