

# MS CCD Image System

The Major Science CCD image system is an easy to operate, and ultra compact CCD gel documentation system with a rear digital control panel. 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 megapixels CCD camera is offered with the system for fluorescent imaging. This system can also be used for auto radiography film. Analysis software package and a personal laptop are also offered as options if needed.

This product is offered as a complete system, including:

- 1 x CCD Image System hood
- 1 x CCD camera
- 1 x Zoom lens kit
- 1 x Close up lens
- 1 x EtBr filter or SYBR Filter
- 1 x Major Science image capture software disk



**New**

CE

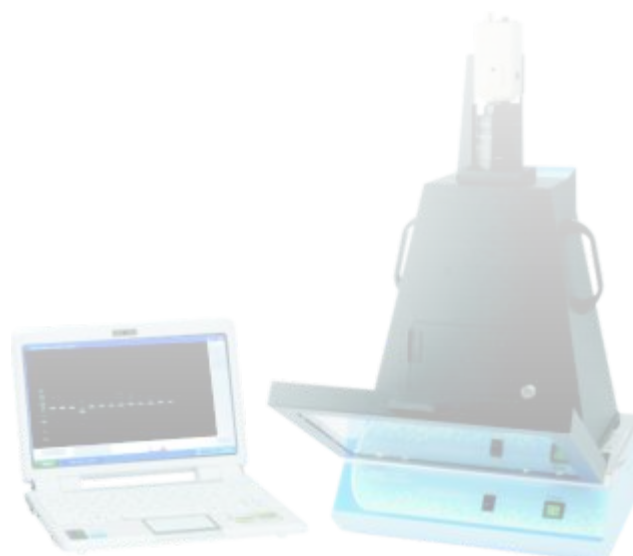
Cat. No. :CI-01

## Software Interface

- >Capture, view, save and print images
- >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



MS image capture software



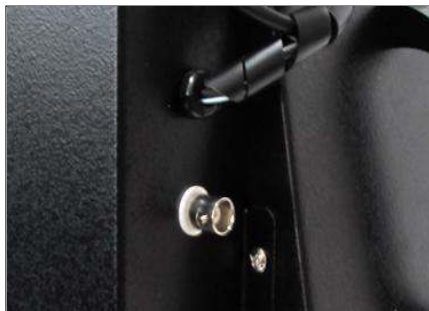
## Installation steps

### Features

- >Fluorescent imaging
- >Mounted BNC port for thermal printer
- >Digital control panel
- >Compact configuration and size
- >Inner 2 x 3 watt white light LED for uniform white light illumination
- >Connect port for thermal printer
- >Safety door switch
- >Gel analysis software package available as an option
- >EtBr filter or SYBR Green filter available as options
- >Universal rated voltage: 100 ~ 240V



Digital control panel



BNC port for thermal printer



## Specification

### 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	+3 close up filter and EtBr or SYBR Green filter (optional)
Power	DC12V / 200mA

### Processor and LCD Monitor

Control Panel	PC
Camera Integration	24x pre-set integration
Realtime Image Capture	manual-save images in BMP format
Image Storage	store at PC disk
Interface	Thermal printer BNC interface
	Network connectivity through PC
	USB interface on PC

### Darkroom

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
Unit Weight	approx. 6.0kg

## Ordering Information

CI-01	Image System with 0.4 megapixels CCD camera
CI-01-L	Image System with 0.4 megapixels CCD camera and personal laptop

CI-CLEB	Close up lens and EtBr filter for MS CCD Image System
CI-CLSG	Close up lens and SYBR Green filter for MS CCD Image System
CI-CL	Close up lens for MS CCD Image System
CI-EB	EtBr filter for MS CCD Image System
CI-SG	SYBR Green filter for MS 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

