



version 1.0



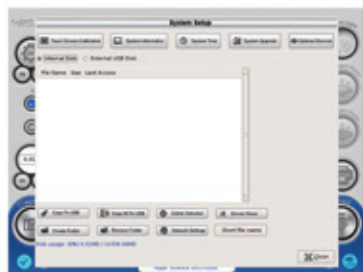
2017 BROCHURE

Gel Documentation System



SmartView Pro Imager

- Standalone gel doc system with high-quality monochrome CCD
- Exchangeable emission filters provide for instant visualization
- Intuitive 10.4" interface with color touch-screen
- Zoom-able lens for proper picture size
- Movable platform for gel excision with UV-protection shield
- Automatic UV shut off mechanism (UVCI-2300 only)
- Optional trans white light and blue light plates (UVCI-2300 only)
- Exclusively designed for EtBr-free operation gel doc system (UVCI-2400 only)
- Optional trans white light plates



System setup



Protection warning



Load



Default setting

* For more information, please refer to p16

FC CE



SmartView Pro 2300/ SmartView Pro 2400



White light plate



Viewing via window



Viewing via screen



MP-310 / MP-320 / MP-510

Power Supply



Cat. No.	MP-100	Mini-300	Mini-500	MP-300V	MP-500V	MP-3AP	MP-310	MP-320	MP-510
		 FC CE 	 FC CE 	 FC CE 	 FC CE	 FC CE	 FC CE 	 FC CE	 FC CE
Display	N/A	LED			2.6"LCD		2.4" TFT LCD		
Output voltage / Inc.	50V/100V	10-300V/1V	10-500V/1V	2-300V/1V	5-500V/1V	5-300V/1V			5-500V/1V
Output current / Inc.	400mA	10-400mA/1mA		1-700mA/1mA	1-800mA/1mA	10-3000mA/ 10mA	1-700mA/1mA	10-3000mA/ 10mA	1-800mA/1mA
Output power / Inc.	40W	60W	120W	150W	300W/1W		150W	300W	
Output type	Constant voltage	Constant voltage/Current			Constant voltage/Current /Power				
Timer	N/A	999 (min) with alarm/Continuous			Constant mode:9999 (min) with alarm/Continuous Programmable mode: 999 (min) with alarm/Continuous				
Rated voltage	100V-120V Only	100V-240V							
Program	N/A	2-step (V, mA, )		N/A	Pre setting; Up to 6-step (V, mA, W, ) , 30 programmed files				

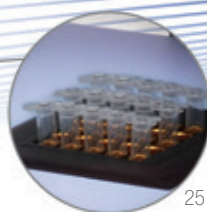
Thermal Cycler

Major Cycler

CE



Self pressure adjusting hot lid



25 (5x5) x0.2ml tube

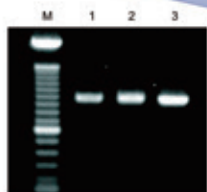


Fig.2 Reverse transcription and amplification of 900bp Japanese Encephalitis Virus (JEV) envelope protein fragment from JEV RNA using Major Cycler RT and amplification program

M. DNA marker

1. 0.1µg RNA template

2. 0.5µg RNA template

3. 1.0µg RNA template

Cat. No.	CYCLER-25
Display	2.6" LCD
Sample capacity	25(5x5)x0.2ml tube
Temperature control range	4°C to 110°C
Heating and cooling rate	approx. 3°C / s, 2°C / s
Program	Reverse transcription program
	Link program: multi-loop available; up to 5
	Step per Loop: up to 9
	Cycle number: up to 99
	Program storage: up to 100
	Increment and decrement temperature per step on each cycle
Rated voltage	110V / 220V selectable
Dimension (mm)(WxLxH)	200x320.5x190

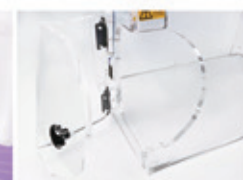
PCR workstation

CE

UV Sterilization Cabinet / Mini UV Sterilization Cabinet



	MS-UVCAB	MS-UVCABMINI
Cat. No.		
UV light	4x15W	4x15W
White light	15W	15W
Dimension (mm)(WxLxH)	560x420x770	560x350x510
Weight	19Kg	12Kg
Cabinet material	Acrylic	



General purpose tray (Optional)



NEW

Imaging System

SmartView Pro Imager



Flip-style:

A. White light plate

B. Blue light plate

C. Drawer-type UV transilluminator



Blue light plate (UVC-2300)



Cat. No.	UVC-2300	UVC-2400
Camera	1/1.8" interline UXGA monochrome progressive 2.0MP CCD	
Pixels size	4.4µm x 4.4µm	
Lens (camera)	F1.2, 12.5 – 75mm (with one +1 close-up lens), 6X zoom lens, manual	
Camera video output	12bit	
Saved image	Max. 16bit	
Image storage	Built-in 14GB Memory (3000 tiff images storage) and USB flash	
Cabinet	Pull out, sliding transilluminator	
Field of view (WxL)	260x210mm	
Display	10.4" color touch screen, 800x600	
Viewing window	Built-in UV viewing window	Built-in blue viewing window
Window filter	Amber Filter embedded in viewing window (580nm)	
Light source	Built-in drawer type UV transilluminator 312(302)nm	Built-in drawer type blue transilluminator 470nm
	Epi white light	
Optional accessory	White Light Plate (power built-in)	
	Blue light plate (power built-in) 470nm	N/A
Grayscale	12bit, 0-4095 gray levels	
Rated voltage	100-240V~, 50/60Hz	

* For more information, please refer to p13

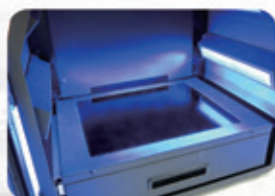
*Technical specification subject to change without notice.

*Please visit our website at www.majorsci.com for more product selection and detailed information.

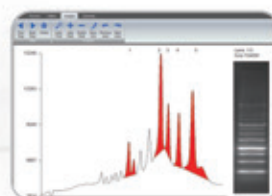


Imaging System

SmartView Pro Imager System



Epi-blue light for optional light source



Gel image analysis software included for SmartView Pro



White light plate for protein analysis

- Ergonomic design for easy viewing and operating
- Built-in mechanism for easy gel cutting (UVCI & UVDI series only)
- Multi-image file saving selection: BMP, TIFF, JPEG and PNG (UVCI series only)
- Blue light technology for operation and environment safe lab experiment
- Single and dual wavelength models available for different application purposes
- White light plate installation integration available (optional accessory)

FC CE



SmartView Pro 1200 Imager, Wifi UVCI-1000 series

Wireless connection to PC or iPad for image capture and analysis



SmartView Pro 2100 Imager System UVCI-2000 series



Cat. No.	UVCI-2100 (Standard version)	UVCI-1100 (Standard version)	UVCI-1200 (Wi-Fi version)
Camera / Lens	2.0MP CCD camera	5.0MP CMOS camera	
Camera video output / Saved image	12bit / 16bit		
Max. aperture	f/1.2		
Built-in UV transilluminator	Yes, 312nm (optional white or blue light available)		
Image storage	PC only		Android tablet / iPad / PC
Safety device	Safety door switch		
Features	Image capture software included		
	USB connects to a PC		Wifi to iPad / Android / PC
	Connect to PC; PC required		Connect to iPad / PC / Android

* iPad and PC not included



UVCI-1003
UV protection shield



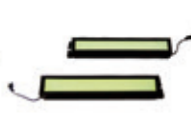
UVCI-1004
Filter stand



MBE-G-Y1
Amber filter glasses



UVCI-1000-WL
White light plate



UVCI-1000-BL
Blue light module



UVCI-1000-EB
Optical EtBr
filter 620nm



UVCI-1000-SG
Optical SYBR green
filter 520nm



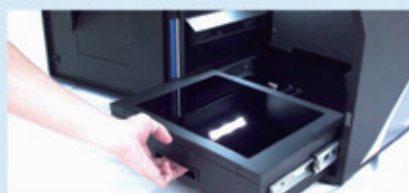
MBE-IMG-F3
SmartView amber
filter 560nm



MBE-IMG-F4
SmartView amber
filter 580nm



Easy gel cutting design with UV light



Pull out UV transilluminator



USB connection



Viewing window

Compact Digimage System UVDI series

SmartView Simple Imager System MUV-IMG series

Digimage System DI-01



Cat. No.	MUV-IMG-CA	UVDI	DI-01
Camera / Lens	Approx. 18.0MP digital camera with Wi-Fi function		
Display / Control panel	Digital camera	8" TFT LCD Monitor	
Max. aperture	f/3.5-6.3(1S STM Lens)		
Safety device	N/A	Safety door switch	N/A
Wavelength	N/A	254 / 312 / 365nm (Selectable)	N/A
UV transilluminator filter size (mm) (WxL)	N/A	210x210	N/A



White light plate
DI-WLA3 (297x400mm)
DI-WLA4 (210x297mm)
DI-WLA5 (105x150mm)

*All images are for reference only, actual products might differ from the pictures above.

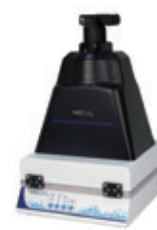
Transilluminator

SmartView Transilluminator / UV Transilluminator

- 312nm UV for gel observation; 254nm UV for irradiate samples; 365nm UV for gel cutting/imaging and avoid photonicking



MUV21-CP-02 /
MUV26-CP-02



MUVB-111-CP-02



SmartView Transilluminator
MUVB-100 series



UV Light applied



Blue Light applied



Removable amber filter



UV Transilluminator
MUV series

*High performance model also available.

Cat. No.	MUVB-111	MUVB-121	MUVB-122	MUV26	MUV21
Wavelength	single 312nm	dual 254 / 312nm	dual 254 / 365nm	254 / 312 (302) / 365nm	
Filter size (mm) (WxL)	210x210			260x210	210x210
Light source	8W x 5 tubes, with built-in UV light and 470nm Epi blue light	8W x 9 tubes, with built-in UV light and 470nm Epi blue light		8W x 6 tubes	
Intensity switch	High (100%) / Low (70%) intensity switch for single wavelength mode				

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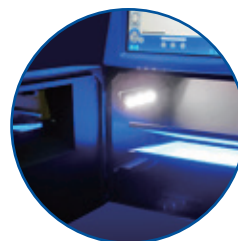
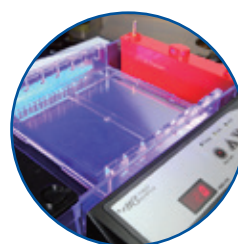
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