

Specifications

Model	SmartView
Filter Size (WxL)	Approx. 8.3"x8.3" (210x210mm)
Intensity Switch	High (100%) / Low (70%) intensity switch for single wavelength model
Fast Response	High quality starter to light up the tubes instantaneously and cause no blinking
Blue Light Source	1W x 18 lamps
UV Resistance Plastic Cover (WxL)	Approx. 8.9"x10.2" (225x260mm) (Transparent)
Blue Light Resistance Plastic Cover (WxL)	Approx. 8.9"x10.2" (225x260mm) (Orange)
Dimension (WxLxH)	Approx. 13.4"x11.3"x6.9" (340x286x176mm)
Rated Voltage	100-230V~, 50/60Hz, 2A
Weight	Approx. 24.7lb (11.2kg)

Model	Cat. No.	Type	Wavelength	UV Light Source (1tube / 8W)
SmartView 111	MUVB-111	Single	312(302)nm	5 tubes
SmartView 112	MUVB-112	Single	254nm	5 tubes
SmartView 113	MUVB-113	Single	365nm	5 tubes
SmartView 114	MUVB-114	Single	312(302)nm (high performance)	5 tubes
SmartView 121	MUVB-121	Dual	254nm / 312(302)nm	4 tubes / 5 tubes
SmartView 122	MUVB-122	Dual	254nm / 365nm	5 tubes / 4 tubes
SmartView 123	MUVB-123	Dual	254nm / 312(302)nm (high performance)	4 tubes / 5 tubes

Ordering Information

Cat. No.	Product Description
MUVB-111	SmartView 111 Transilluminator with blue light and built-in UV, single wavelength 312(302)nm
MUVB-112	SmartView 112 Transilluminator with blue light and built-in UV, single wavelength 254 nm
MUVB-113	SmartView 113 Transilluminator with blue light and built-in UV, single wavelength 365 nm
MUVB-114	SmartView 114 Transilluminator with blue light and built-in UV, single wavelength 312(302) nm, high performance
MUVB-121	SmartView 121 Transilluminator with blue light and built-in UV, dual wavelength 254/312(302)nm
MUVB-122	SmartView 122 Transilluminator with blue light and built-in UV, dual wavelength 254/365nm
MUVB-123	SmartView 123 Transilluminator with blue light and built-in UV, dual wavelength 254/312 (302)nm, high performance

* For different single wavelength models, please consult with your regional manager.

Accessories

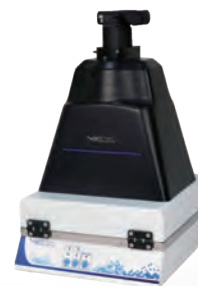
Cat. No.	Product Description
MBE-G-Y1	Amber Filter Viewing Glasses, 560 nm (optional)



MBE-G-Y1



MUVB series + DI-01



MUVB series + MUV-IMG-CA

* All images are for reference only, actual products might differ from the pictures above.
* Technical specifications subject to change without notice.

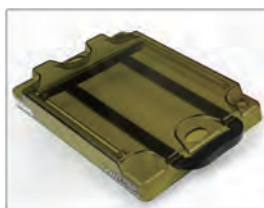
Accessories

Cat. No.	Product Description
MBE-TANK	ME15 Tank for SafeBlue without Lid and Red/Black Cable
MBE-LID-Y1	MBE-150 Lid,yellow
MBE-150-CABLE	Threaded Black and Red Electrophoresis Cable
MBE-TANK-01	120x155mm, shiny black protective film
MBE-150-02	165x140x19mm, Acrylics, cutting platform
MBE-150-3	Base unit platform protective film
ME15-UV15-TH01	ME15-UV15 Tray Holder, 2 cuts, cut size 109.5x60.5mm(For MJ-105 Trays)
ME15-UV15-TH02	ME15-UV15 Tray Holder, 1 cuts, cut size 130.5x122.5mm
MBE-G-Y1	Amber filter viewing glasses, 560nm

* For more information of MBE-IMG-CA, please refer to SafeBlue Imager System.



MBE-TANK



MBE-LID-Y1



MBE-150-CABLE



MBE-TLC



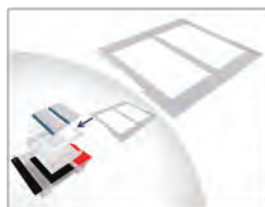
MBE-TANK-01



MBE-150-02



MBE-150-3



ME15-UV15-TH01



ME15-UV15-TH02



MBE-G-Y1

Comparison table for various nucleic acid stain performance

Nucleic Acid Stain	Performance	Experimental Protocol		
		Pre-staining	Post Staining	Sample Staining
SYBR® Green I (DNA)	Excellent	√	√	√
SYBR® Green II (RNA)	Excellent		√	√
SYBR® Gold	Excellent	√	√	
Midori Green Driect	Excellent			√
Hydra Green™ Safe DNA Dye	Excellent	√	√	
HD Green™ DNA Stain	Excellent	√	√	
SafeView DNA Stain	Good	√		
SYBR® Safe	Good	√	√	
Midori Green	Good	√	√	
Midori Green Advanced	Good	√	√	
Serva DNA Stain Clear G	Good	√	√	
GelGreen™	Good	√	√	
GelRed™	NR	√	√	
Ethidium Bromide	NR	√	√	
HealthView™	NR	√		

NR= Not recommended

MBE-150-PLUS Innovative Electrophoresis System

1. Early detection of running error (run as you see)
2. Prevention for breaking gel- no more gel transferring (no more gloves!!)
3. Time saving gel staining & de-staining
4. Compact in size (no large lab area required)

SafeBlue System

SafeBlue Electrophoresis System

+

SafeBlue Imager System

2 for all

Gel and Sample Preparation

Electrophoresis Running

Sample Observation Image Capture

5 for all

Traditional Method

Gel Electrophoresis System + Power Supply + Shaker + UV Transilluminator + Gel Documentation System

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