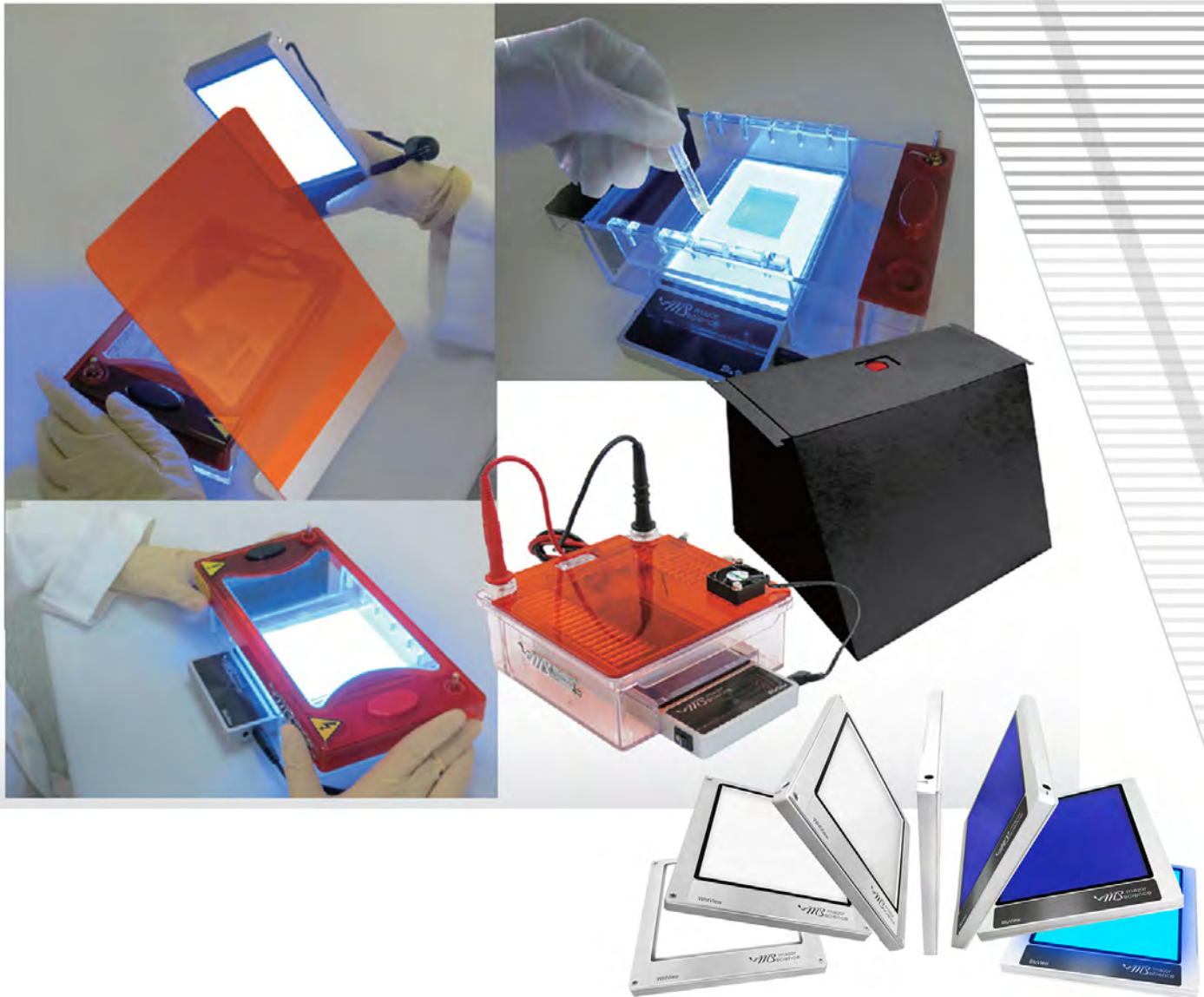




2024 BROCHURE



Blue Light Technology

Innovative Life Sciences Tools

New Products

3D Mini Tray Shaker

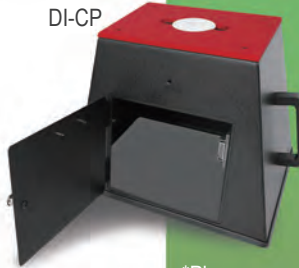
MS-3D-TS



*Please see p.31 for details.

Simple imager Hood for Cell Phone

DI-CP



*Please see p.21 for details.

Microplate centrifuge

MS-MC

*Please see p.17 for details.



Coming Soon...

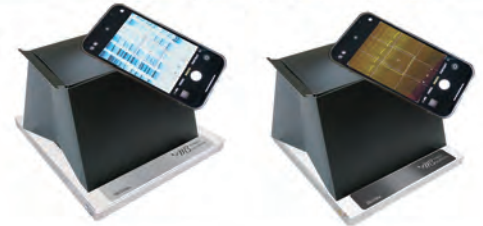
Dual LED Blue/White Light Transilluminator, MBE-200BW

*Please see p.23 for details.



Both sides integrate different LED light source.

The advanced Dual LED Blue/White Light Transilluminator is packed with powerful and safe 470 nm blue LED light and whole-wavelength white LED light and allows you to directly view the experiment result without wearing any UV protection equipment.



Variable Speed Vortex Mixer MS-VM Series

*Please see p.30 for details.

The Major Science Vortex Mixer series is an efficient and compact instrument for any routine mixing applications needed in the field of life sciences, chemistry, medicine, bioengineering, analytical and research laboratories.

This product includes the eccentric rotating structure to generate vortex flow in the liquid in test tubes centrifuge tubes, microplate and other containers and offers fully mixing the solution.

Choose from two modes of operation : continuous mode provide variable speed can allows low rpm start-up for gentle mixing or high speed mixing for vigorous vortexing of samples, touch mode which activates mixing when depressing the platform.

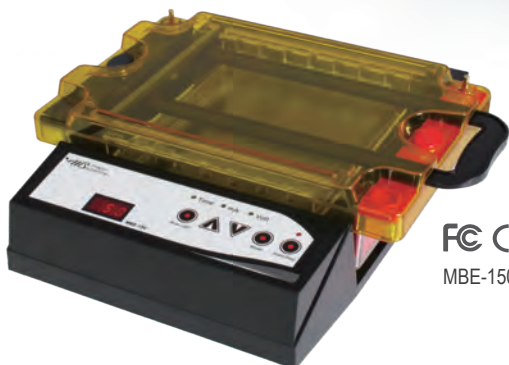
The Major Science Vortex Mixer series is stable and reliable with reliable durability and also has a variety of accessories to choose from to adapt to different experimental needs.



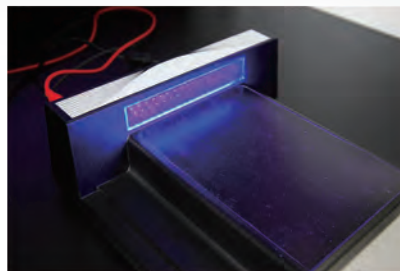
* All images are for reference only, actual products might differ from the pictures above.
* Technical specifications subject to change without notice.

SafeBlue System

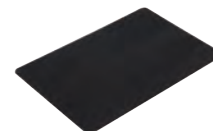
SafeBlue Electrophoresis System / SafeBlue Imager System



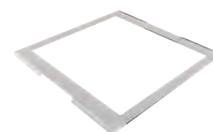
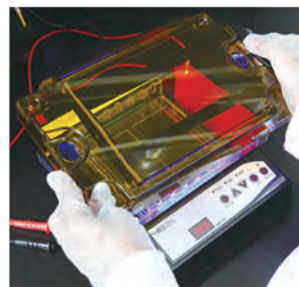
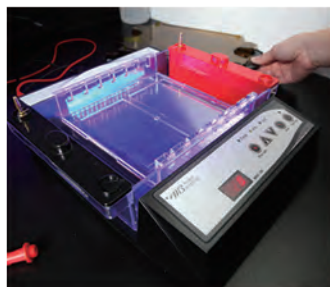
FC CE
MBE-150-PLUS



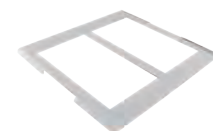
MBE-G-Y1



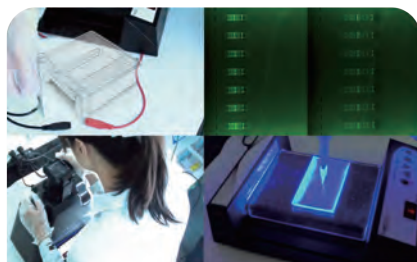
MBE-150-3



ME15-UV15-TH01



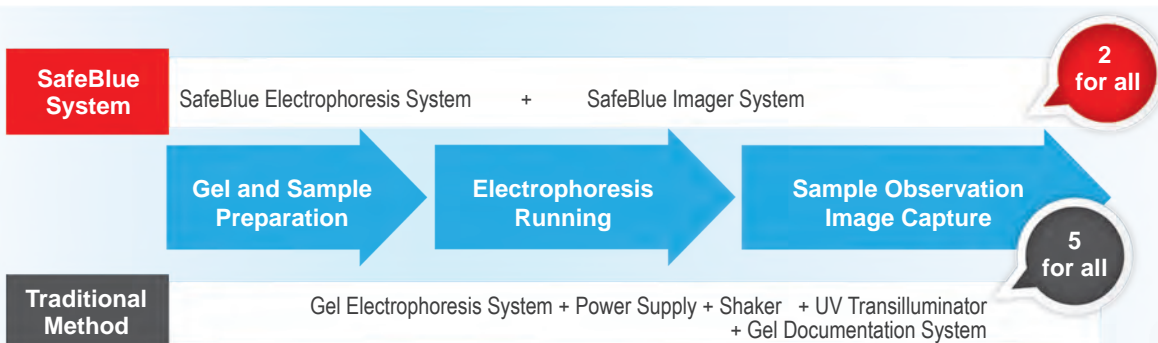
ME15-UV15-TH02



FC CE
MBE-150

Cat. No.	MBE-150	MBE-150-PLUS
Light control	On / Off switch	
Output voltage	10-150V / 1V	
Output current	10-300mA / 1mA	
Output power	30W	
Output type	Constant voltage or constant current	
Timer	999 (min) with alarm / Continuous	
Operating temperature	Ambient to 40°C	
Electrophoresis tank& amber filter lid	N/A	Yes

Cat. No.	MBE-IMG-CA
Camera type	24.2MP digital camera, Wi-Fi function
Aperture	f/3.5-6.3(IS STM Lens)
Shutter speed	1/4000 - 30sec. (available range varies by shooting mode)
Storage media	SD memory card, Wi-Fi to PC, Smartphone or Tablet
Darkroom dimension	(WxLxH)340x195x400mm

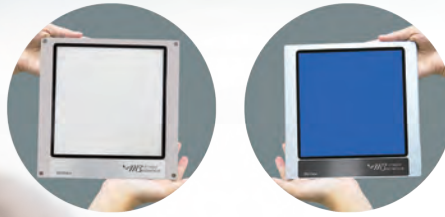


4 in 1 feature allows you to run as you see in real-time motion (run, view, capture and cut gel) with simple and easy set up on the image capture/analysis software

- 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)

Blue Light Illuminator

Dual LED Blue/White Light Transilluminator, MBE-200BW



- Both sides integrate different LED light source
- Portable size and lightweight
- Safe 470nm blue light wavelength
- Real-time observation
- Efficient and early mistake detection
- Ultra-high light uniformity
- Aluminum alloy casing design
- Low heat dispersion
- Energy saving product

Cat. No.	MBE-200BW
Dimension(mm)(WxLxH)	Approx. 200x200x15.6
Viewing Area(mm)(WxL)	153x153
White Light Wavelength	whole-wavelength
Illuminator Base Design	Flat Bed
Blue Light Wavelength	470nm
Automatic Shutdown	Approx. 6 min
Material	Aluminum Alloy
Power	DC 12V, 2A
Weight	Approx. 935.5g



NEW



Both sides integrate different LED light source.

BluView Transilluminator, MBE-200A

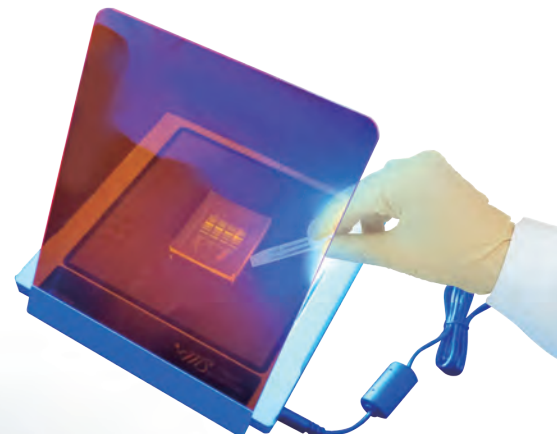
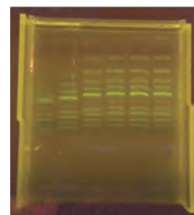
Major Science BluView Transilluminator uses the harmless blue LED lights to replace the aggressive UV lights, and allows you to directly view the experiment result without wearing any UV protection equipment.

- Thinner and more lightweight body
- Easy to carry
- Aluminum alloy casing design
- Low heat dispersion
- Energy saving product
- 470nm harmless blue light for direct human contact



Aluminum alloy provides sturdy safe structure

CE



Cat. No.	MBE-200A
Dimension(mm)(WxLxH)	Approx. 200x200x13.9
Viewing Area(mm)(WxL)	153x153
Blue Light Source	15W
Illuminator Base Design	Flat Bed
Blue Light Wavelength	470nm
Automatic Shutdown	Approx. 6 min
Material	Aluminum Alloy
Power	DC 12V, 2A
Weight	Approx. 760g

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 * Technical specifications subject to change without notice.

Blue Light Illuminator

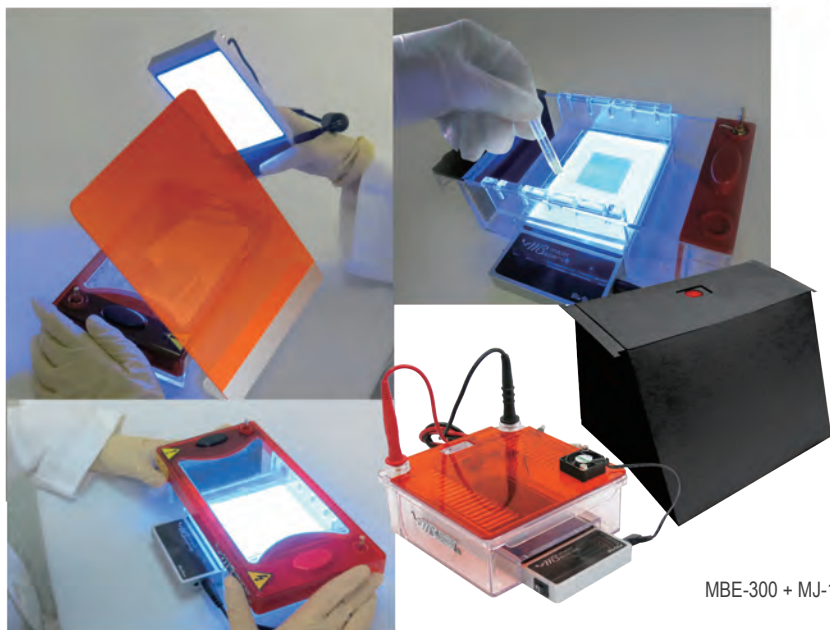
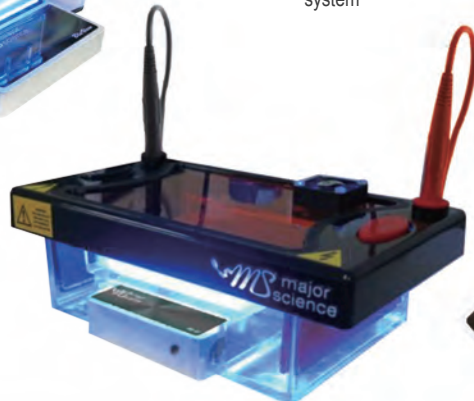
BluView Transilluminator, MBE-300



- Portable 470nm blue light
- Slim design fits in most of electrophoresis tanks
- Real time observation
- Efficient and early stage mistake detection
- Ultra high light uniformity
- Fit in a majority of different brands of mini and midi size



MBE-300 + ME 10 Tank horizontal electrophoresis system



MBE-300 + MJ-105A

Cat. No.	MBE-300
Dimension(mm)(WxLxH)	Approx. 86x170x25
Viewing Area(mm)(WxL)	Approx. 112x74.6
Blue Light Source	20W
Illuminator Base Design	Flat Bed
Blue Light Wavelength	470nm
Automatic Shutdown	Approx. 6 min
Material	Aluminum Alloy
Power	DC 12V, 2A
Weight	Approx. 338g

Taiwan Office

No. 156, Sec. 1, Guoji Rd., Taoyuan Dist.,
Taoyuan City 33061, Taiwan
T/+886-3-3762878
F/+886-3-3761310

US Office

19959 Sea Gull Way
Saratoga, CA 95070
U.S.A.
T/ +1-408-366-9866
F/ +1-408-446-1107

Shanghai Office

Room 612, International business exhibition center,
9300 Hunan Road, Pudong, Shanghai, China
National toll-free No.:400-823-9177
T/ +86-21-50795277
F/ +86-21-50795277

India Office

D.No.7-143, 2nd Floor,
St.No.2,Nagendra Nagar,
Habsiguda, Hyderabad-500007.
India
T/ +91-40-27001515
T/ +91-40-27001586

