

# SmartView Transilluminator

NEW

# SmartView Transilluminator

## MUVB-100 series

SmartView Transilluminator is the next generation of the illuminator for your lab. Combining the Blue Light and UV Light, this equipment allows you to work either using Blue Light or UV Light with your samples.

The Epi-Blue Light proportionally emits your sample to give excellent fluorescent for you to view the nucleic acid bands. As the single or dual wavelength UV Light allows you to induce stronger signals.

Moreover, since Blue Light is within visible light spectrum, it simply provides just enough energy to induce the signals without endangering operator' safety.

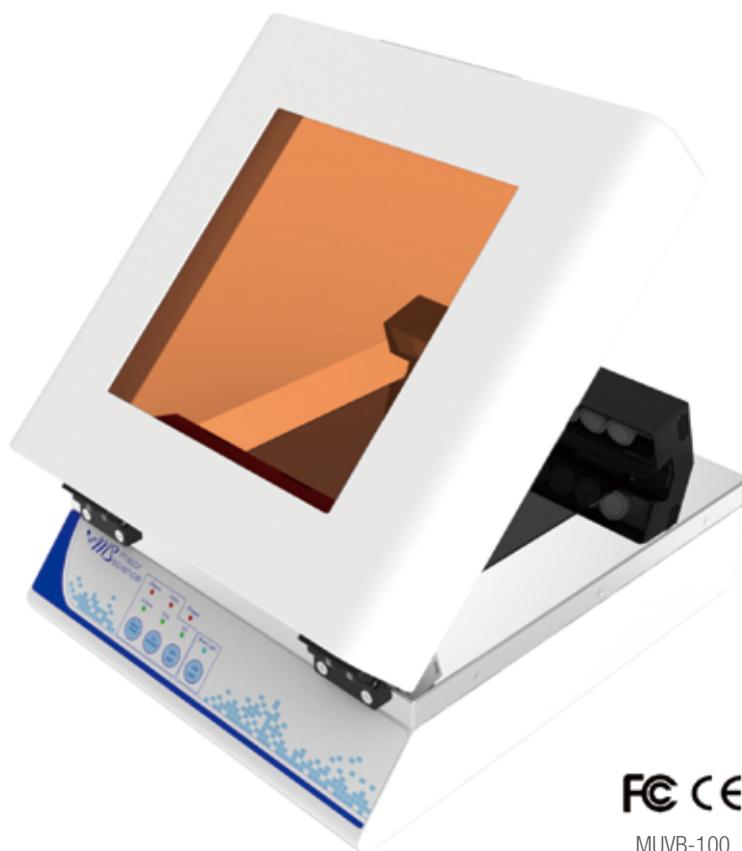
In addition, this two-in-one system provides you additional convenience to work on any of your sample with UV Light with or blue light simultaneously without moving your gel back and forth. SmartView Transilluminator is the ultimate source for any of your lab practice.



Built-in blue LED module provides flexibility in DNA stain selection

### Features

- Built-in Blue Light LED module with UV Light
- Single or dual wavelength models available for different application purposes
- Adjustable UV protection cover for better viewing angle efficiency
- Industrial leading long life UV filter
- Fast start up without flickering to instantaneously illuminate tubes
- High/Low intensity switch to minimize DNA degradation
- High efficiency reflector provides optimum use of UV Light



FC CE

MUVB-100

### Selection Guide

Cat. No.	UV Light	Blue Light
SYBR® Green I (DNA)	√	√√
SYBR® Green II (RNA)	√	√√
SYBR® Gold	√	√√
Midori Green Driect	√	√√
Hydra Green™ Safe DNA Dye	√	√√
HD Green™ DNA Stain	√	√√
Novel Juice	√	√√
SafeView DNA Stain	√√	√√
SYBR® Safe	√	√√
Midori Green	√	√√
Midori Green Advanced	√	√√
GelGreen™	√	√√
GelRed™	√√	√
Ethidium Bromide	√√	
Serva DNA Stain Clear G	√√	
HealthView™	√√	

√√ Excellent

√ Good

## Specifications

Model	SmartView 111	SmartView 121	SmartView 122
Cat. No.	MUVB-111	MUVB-121	MUVB-122
UV Wavelength	single wavelength, 312 (302) nm	dual wavelength, 254 / 312 (302) nm	dual wavelength, 254 / 365 nm
UV Light Source	8 W x 5 tubes	8 W x 9 tubes	
UV Intensity Switch	High (100%) / Low (70%) intensity switch		
Blue Light Source	1W x 18, 460 nm		
Blue Light filter	Amber filter, 580 nm		
Filter Size	8.27" x 8.27" (210 x 210 mm)		
Operating Temp.	Ambient to 40°C		
Unit Dimension	(L x W x H) 15.2" x 13.39" x 6.93" (386 x 340 x 176 mm)		
Unit Weight	Approx. 24.7 lbs. ( 11.2 Kg)		
Rated Voltages	Universal 100 - 230 V, 50/60 Hz, 2A		

## Ordering Information

Cat. No.	Product Description
MUVB-111	SmartView 111 Transilluminator with blue light and built-in UV, single wavelength 312 (302) nm
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 / 365 nm

## Bundle Packages

Cat. No.	Product Description
MUVB111-CP-01	Complete package of SmartView 111 Transilluminator and Digimage System
MUVB111-CP-02	Complete package of SmartView 111 Transilluminator and SmartView Simple 310 Imager System
MUVB111-CP-03	Complete package of SmartView 111 Transilluminator and SmartView Simple 320 Imager System

## Accessories

Cat. No.	Product Description
MBE-G-Y1	Amber filter Viewing Glasses (optional)



MUVB111-CP-01



MUVB111-CP-02



MUVB111-CP-03



UV Light applied



Blue Light applied



Removable amber filter



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