

SmartView Transilluminator

MUVB series

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

The Epi-Blue light is proportionally emitted on samples to give excellent fluorescence for the examination of nucleic acid bands. As the single or dual wavelength UV light allows the induction of stronger signals.

Moreover, since blue light is within visible light spectrum, it easily provides just enough energy to induce the signals without endangering operator safety.

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

Features

- Built-in blue light LED module with UV light
- Single or dual wavelength models are available for different application purposes
- Adjustable UV protection cover for better viewing angle efficiency
- Industry leading long life UV Filter
- Fast start up without flickering to instantaneous tube illumination
- High/Low intensity switch to minimize DNA degradation
- High efficiency reflector provides optimum use of UV light



MUVB
FC CE

Dye Application Guide

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

√√ Excellent

√ Good



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



UV light applied



Blue light applied



Removable amber Filter

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.

* All filters have to be ordered separately.

Bundle Packages

Cat. No.	Product Description
MUVB-111-CP-01	Complete package of SmartView 111 Transilluminator and Digimage System (DI-01)
MUVB-111-CP-02	Complete package of SmartView 111 Transilluminator and SmartView Simple 310 Imager System (MUV-IMG-CA)
MUVB-114-CP-01	Complete package of SmartView 114 Transilluminator and Digimage System (DI-01)
MUVB-114-CP-02	Complete package of SmartView 114 Transilluminator and SmartView Simple 310 Imager System (MUV-IMG-CA)

Accessories

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



MBE-G-Y1



MUVB-111-CP-01
MUVB-114-CP-01



MUVB-111-CP-02
MUVB-114-CP-02