

**Maximum performance ...
minimal lab space**



- *Compact, chemically-resistant housing*
- *Scratch-resistant, UV filter glass*
- *302nm midrange UV wavelength*
- *Optimal for EtBr, SmartGlow™, and SYBR® Stains*
- *Hinged, UV-blocking safety cover*

**Powerful
UV Light**

**Compatible
with
fluorescent
stains**

**Agarose
gel
viewing**

The model **E3200 UV Transilluminator** offers a larger viewing surface of 21 x 26 cm to accommodate larger gels or multiple small gels. High powered, 14-Watt UV bulbs provide exceptional sensitivity, so the smallest quantities of stained nucleic acids can be visualized. The E3200 also features a control knob for continuous adjustment of the UV intensity and optimization of the fluorescent signal.

The **E3100 UV Transilluminator** has a surprisingly small footprint (smaller than a piece of paper), and modern design. The viewing surface - 16.5 x 13.5 cm - is large enough to accommodate a mid-sized gel or multiple smaller gels. The E3100 is perfectly suited for use with our SmartDoc™ Imaging Enclosure and filters (sold separately) for gel imaging with a smartphone. Use filter E5001-UVBLOCK for best results when imaging SmartGlow™, SYBR® or ETBR stained gels.

Both models incorporate scratch-resistant, UV filter glass. The 302nm midrange UV wavelength is ideal for the excitation of gels stained with Ethidium Bromide, SmartGlow™, SYBR® Green and other common gel stains.

The acrylic UV blocking covers allow safe viewing of samples, and friction hinges on the front edge allow the cover to be fully closed or positioned at an angle for gel access and band excision.



UV blocking cover with friction hinges



E3100 with SmartDoc™ for gel imaging with a smart phone



SmartGlow® Stain for optimal band visualization and imaging

Specifications

Model	E3100 UV Transilluminator	E3200 UV Transilluminator
Light source	4 x 6W UV Light Bulbs	4 x 14W UV Bulbs
Output wavelength	Peak at 302nm	Peak at 302nm
Variable Intensity	No	Variable with turn-knob
Filter Cover	UV blocking polycarbonate	UV blocking polycarbonate
Viewing Surface	16.5 x 13.5 cm	21 x 26 cm
Exterior dimensions (WxDxH)	12.8 x 8.5 x 1.9 in / 30.5 x 21.5 x 5 cm	13.6 x 11.8 x 3.5 in / 34.5 x 30 x 9 cm
Weight	0.9 kg / 2 lbs	2.3 kg / 5.15 lbs
Electrical	12VDC (AC power adapter included)	12VDC (AC power adapter is included)
Warranty	2 years	2 years

Ordering Information

Cat No.	Description
E3200	UV Transilluminator, 21 x 26cm, Variable Intensity, 115V
E3200-E	UV Transilluminator, 21 x 26cm, Variable Intensity, 230V
E3100	Compact UV Transilluminator, 16.5 x 13.5 cm, 115V
E3100-E	Compact UV Transilluminator, 16.5 x 13.5 cm, 230V
E5001-SD	SmartDoc™ Imaging Enclosure (for E3100)
E5001-UVBLOCK	SmartDoc Photo filter for imaging on UV