



# Compact UV Transilluminators

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                  |