

Get maximum performance ...with minimal space

- Four powerful 302 nm UV bulbs
- UV-blocking safety cover
- Scratch resistant viewing surface
- SmartDoc™ enclosure for smart phone imaging



Compact UV Transilluminator

Compact yet versatile

Our E3100 Compact UV Transilluminator has a surprisingly small footprint (just over 12 x 8 inches) yet provides industry leading performance. It will accommodate one or two mini gels on the 16.5 x 13.5 cm scratch resistant viewing surface .

Hinged UV-safety cover

The integrated UV blocking cover is made from a polymer that will not fluoresce in UV light. This allows clear viewing of DNA bands through the cover, yet offers full UV blocking protection. Two friction hinges on the front edge of the cover allow for full adjustment. Position the cover horizontally for general viewing, tilt it at an angle for gel access and band cutting, or open fully to use the SmartDoc™ Imaging Enclosure (sold separately) for gel imaging with a smart phone.

Powerful bulbs for maximum fluorescence

The transilluminator's four 6W bulbs evenly illuminate the viewing surface, and the 302nm wavelength is ideal for Ethidium Bromide, SmartGlow™, SYBR Green®, Gel Green™ and many other common gel stains.

Uniform illumination

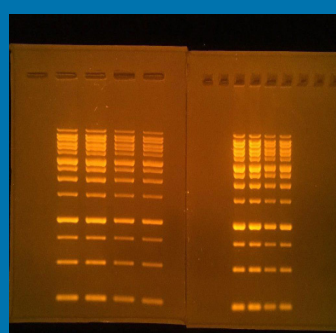
Spacing of the UV bulbs, coupled with a reflector system and special diffusing filter glass provides exceptional uniformity across the viewing surface. This allows for quantification of DNA and also higher quality imaging when used with a camera system.



UV cover raised for excision of bands



UV cover closed for gel viewing



Markers stained with EtBr



Use with SmartDoc™ for gel imaging with a smart phone

Specifications

Light source	4 x 6W UV Light Bulbs	Output wavelength	Peak at 302nm
Filter cover	UV blocking polycarbonate	Viewing surface	6.5x5.3 in/16.5x13.5 cm
Exterior dimensions	12.8x8.5x1.9 in/30.5x21.5x5 cm	Weight	0.9 kg/2 lb
Electrical	12VDC (AC power adapter included)	Warranty	2 years

Ordering Information

E3100	Compact UV Transilluminator, includes UV filter cover, 115V
E3100-E	Compact UV Transilluminator, includes UV filter cover, 230V
E5001-SD	SmartDoc™ Imaging Enclosure for smart phones
E5001-UVBLOCK	Photo filter for imaging on UV



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