

## Electronic Transilluminators



- Provide greater latitude in visualizing and documenting genetic work while saving bench space surface
- Both standard and mid size available

### Electronic Single Intensity UV Transilluminators

These high quality Electronic Single Intensity UV Transilluminators are available in two cabinet sizes. They are back-lit by either four or six lamps, depending upon the filter size. These 300 nm or 365 nm UV lamps produce even distribution at the filter surface for better identification and documentation of viewed gels. The 300 nm UV induces high fluorescence and sensitivity in ethidium bromide/DNA complexes producing sharp, distinct bands. At this wavelength, photo-nicking, dimerization and photo-bleaching to gels are minimized. The UV intensity at the filter surface is between 8000 to 9000 microwatts/cm<sup>2</sup>.

- Special 5000 hour extended life, filter resists solarization
- No ballast hum
- Higher output intensity
- No start up or line flicker
- High frequency operation
- Lower power requirements
- Smaller size, lighter weight
- Stainless steel covers
- Dual line fusing; removable cord
- Interior fan drafting
- Upgrade to Variable Intensity

### Electronic Dual Wave™ Transilluminators

This single-surface Electronic Dual Wave™ transilluminator provides greater latitude in visualizing and documenting genetic work while saving bench space. It is available in two sizes. The standard size provides a single 20 x 20 cm, 21 x 25 cm or 20 x 40 cm work surface. The mid size has a single working surface measuring either 20 x 20 cm or 21 x 25 cm surface. The Dual Wave™ lights provide two UV wavelengths to the single work surface.

The UV filter surface is back-lit with 254 nm, 300 nm, or 365 nm UV lamps. The 300 nm UV wavelength induces high fluorescence and sensitivity in ethidium bromide-stained DNA and RNA gels producing clear, distinct bands.

Ultra-Glo™ can convert UV to visible light with any of our combination transilluminators.

### Specifications

Dimensions, H x W x D:

Standard Size	12.7 x 47 x 38 cm (5 x 18.5 x 15 in)
Mid Size	12.7 x 24 x 38 cm (5 x 9.5 x 15 in)

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### Single Intensity Electronic UV Transilluminators

Size	Filter (cm)	Wavelength	Catalog No.	
			115 VAC, 60 Hz	230 VAC, 50 Hz
Standard	15 x 15	300 nm	CGS-8416.76	CGS-8426.76
Standard	20 x 20	300 nm	CGS-8417.76	CGS-8427.76
Standard	21 x 25	300 nm	CGS-8418.76	CGS-8428.76
Standard	16 x 36	300 nm	CGS-8419.76	CGS-8429.76
Standard	20 x 40	300 nm	CGS-8420.76	CGS-8430.76
Standard	20 x 40	365 nm	CGS-8421.76	CGS-8431.76
Mid Size	15 x 15	300 nm	CGS-8422.76	CGS-8432.76
Mid Size	20 x 20	300 nm	CGS-8423.76	CGS-8433.76
Mid Size	21 x 25	300 nm	CGS-8424.76	CGS-8434.76
Mid Size	20 x 20	365 nm	CGS-8425.76	CGS-8435.76

### Electronic Dual-Light™ UV Transilluminators

Size	Filter (cm)	Wavelength	Catalog No.	
			115 VAC, 60 Hz	230 VAC, 50 Hz
Standard	20 x 20	300/365 nm	CGS-8436.76	CGS-8445.76
Standard	20 x 20	365/254 nm	CGS-8437.76	CGS-8446.76
Standard	20 x 20	300/254 nm	CGS-8438.76	CGS-8447.76
Mid Size	20 x 20	300/365 nm	CGS-8439.76	CGS-8448.76
Mid Size	20 x 20	365/254 nm	CGS-8440.76	CGS-8449.76
Mid Size	20 x 20	300/254 nm	CGS-8441.76	CGS-8450.76
Mid Size	21 x 25	300/365 nm	CGS-8442.76	CGS-8451.76
Mid Size	21 x 25	365/254 nm	CGS-8443.76	CGS-8452.76
Mid Size	21 x 25	300/254 nm	CGS-8444.76	CGS8453.76