

## Electronic UV Transilluminators



### Infinite Variable Intensity Transilluminators

The new Infinite Variable Intensity Electronic Transilluminators allow users to adjust the UV intensity anywhere from 100% all the way down to 0% during gel preparation to minimize photo-nicking of gels, then raise the intensity to whatever level is needed for maximum fluorescence. At the 100% position, the intensity on the mid-range filter surface is over 9000  $\mu\text{W}/\text{cm}^2$ .

These electronic transilluminators (U.S. Patent #5,434,478) provide higher intensity than any other unit on the market. Other features include a stainless steel top for corrosion resistance and easy cleaning, extended-life 5000 hour filter glass, and fan cooling. It is available in two chassis sizes with a single filter glass ranging in size from 15 x 15 cm to 20 x 40 cm.

- Infinite-variable intensity adjustment
- Patented electronic ballasting
- Provides higher power than any other unit on the market
- Special 5000 hour Extended Life Filter resists solarization
- No start-up or line flicker; lower power requirements
- Longer tube life
- Stainless steel covers
- Interior fan drafting
- No ballast hum
- Higher output intensity
- High frequency operation

### 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)

### Infinite Variable Intensity UV Transilluminators\*

Size	Filter (cm)	Wavelength	Catalog No.	
			115 VAC, 60 Hz	230 VAC, 50 Hz
Standard	15 x 15	300 nm	CGS-8454.76	CGS-8464.76
Standard	20 x 20	300 nm	CGS-8455.76	CGS-8465.76
Standard	21 x 25	300 nm	CGS-8456.76	CGS-8466.76
Standard	16 x 36	300 nm	CGS-8457.76	CGS-8467.76
Standard	20 x 40	300 nm	CGS-8458.76	CGS-8468.76
Standard	20 x 40	365 nm	CGS-8459.76	CGS-8469.76
Mid Size	15 x 15	300 nm	CGS-8460.76	CGS-8470.76
Mid Size	20 x 20	300 nm	CGS-8461.76	Descontinuado CGS-8471.76
Mid Size	21 x 25	300 nm	CGS-8462.76	CGS-8472.76
Mid Size	20 x 20	365 nm	CGS-8463.76	CGS-8473.76

### Multiwave™/Dual-Light™ Transilluminators

If versatility is tantamount and bench space is a premium, this new Electronic Multiwave™ is for you. This unit supplies three electronic transilluminators in one chassis. A simple electronic switch will provide any of the three installed wavelengths. Two side-by-side 20 x 20 cm filter surfaces provide the flexibility to combine any three of the four available wavelengths.

The Dual-Light™ Transilluminators offer two 20 x 20 cm filter surfaces and a selection of either two wavelengths or one wavelength and white light. Cool white light filter surface is designed to provide even illumination with an average light strength measurement of 5000-Lux. This is correct surface and background lighting for coomassie blue stained protein gels, methylene blue stained DNA gels, silver stained protein gels, autoradiographies, and microtiter plates.

- Multiwave is 3 transilluminators in one chassis — it provides either:
  - 2 wavelengths and white light
  - 3 wavelengths
- Dual-Light provides either:
  - 2 wavelengths
  - 1 wavelength and white light
- High frequency operation
- Interior fan drafting
- No ballast hum
- No line or start-up flicker
- Dual line fusing; removable cord
- Stainless steel covers
- Lower power requirements

### Specifications

Models: Multiwave™ and Dual-Light™

Dimensions, H x W x D: 12.7 x 47 x 38 cm (5 x 18.5 x 15 in)

### Multiwave™ and Dual-Light™\* Transilluminators

Model	Filter (cm)	Wavelength	Catalog No.	
			115 VAC, 60 Hz	230 VAC, 50 Hz
Multiwave™	20 x 20	365/300/White nm	CGS-8474.76	CGS-8483.76
Multiwave™	20 x 20	365/300/254 nm	CGS-8475.76	CGS-8484.76
Multiwave™	20 x 20	365/254/White nm	CGS-8476.76	CGS-8485.76
Multiwave™	20 x 20	300/254/White nm	CGS-8477.76	CGS-8486.76
Dual-Light™	20 x 20	365/White nm	CGS-8478.76	CGS-8487.76
Dual-Light™	20 x 20	365/254 nm	CGS-8479.76	CGS-8488.76
Dual-Light™	20 x 20	300/White nm	CGS-8480.76	CGS-8489.76
Dual-Light™	20 x 20	300/254 nm	CGS-8481.76	CGS-8490.76
Dual-Light™	20 x 20	254/White nm	CGS-8482.76	CGS-8491.76