



BIOGLOW® UV TRANSILLUMINATORS

BioGlow UV Transilluminators provide exceptional performance in a compact size, saving valuable bench space, with an optimized anti-glare filtered glass area to deliver uniform illumination. Each unit offers two-position intensity control settings, HIGH (100%) intensity for viewing weak fluorescent signals and LOW (50%) to reduce DNA damage during long exposure times. Each Crystal BioGlow UV Transilluminator comes with a UV protection cover to protect the user.

PRODUCT FEATURES:

- Choice of 254nm, 312nm, or 365nm models with High (100%) and LOW (50%) intensity settings
- Durable, hinged UV protection cover
- A specially processed UV filter reduces background noise
- The anti-glare surface ensures uniform UV light emission to guarantee clear and reproducible results
- 200mm x 240mm filter size facilitates viewing of larger gels or multiple smaller gels



Specifications

Model	ZT-10A	ZT-20A	ZT-30A
Product Name	254nm UV Transilluminator	312nm UV Transilluminator	365nm UV Transilluminator
UV Wavelength	254nm	312nm	365nm
Window Size	200 x 240 mm (7.9 x 9.5 in)		
UV Intensity (Sensor on UV Window)	Low Intensity: 621 $\mu\text{W}/\text{cm}^2$ High Intensity: 1280 $\mu\text{W}/\text{cm}^2$	Low Intensity: 316 $\mu\text{W}/\text{cm}^2$ High Intensity: 588 $\mu\text{W}/\text{cm}^2$	Low Intensity: 627 $\mu\text{W}/\text{cm}^2$ High Intensity: 1297 $\mu\text{W}/\text{cm}^2$
Operating Environment	Ambient Temperature: 5°C~40°C Ambient Relative Humidity: $\leq 90\%$		
Power Supply	AC110V $\pm 11\text{V}$, 60Hz		
Max Power Consumption	50W		
Dimensions WxDxH	242 x 380 x 114 mm (9.5 x 15.0 x 4.5 in)		
Net Weight	7 kg (15.4 lb)		
IP Protection Rating	IP21		
Certifications	CE		



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Specifications



Name	Part Number	Description	Quantity
UV Lamp	ZTA01	254nm 8W 220VAC	2
	ZTA02	312nm 8W 220VAC	2
	ZTA03	365nm 8W 220VAC	2