

Battery Operated UV Lamps

Transilluminator Accessories

The following list contains fluorescent type UV tubes (hot cathode dual bi-pin) that are most commonly used in laboratories today. These tubes are manufactured to industry-wide standards and can be installed as replacements in most ultraviolet equipment.

Replacement Tubes			
Catalog No.	Type	Watts	Base
UV-A Longwave 365 nm Blacklight			
CGS 8583.76	F4T5BL	4	Mini
CGS 8584.76	F6T5BL	6	Mini
CGS 8585.76	F8T5BL	8	Mini
CGS 8586.76	F15T8BL	15	Med
UV-A Longwave 365 nm Blacklight (Self-Filtering)			
CGS 8587.76	F4T5BLB	4	Mini
CGS 8588.76	F6T5BLB	6	Mini
CGS 8589.76	F8T5BLB	8	Mini
CGS 8590.76	F15T8BLB	15	Med
UV-B Mid-Range 300 nm Sunlight-Erythemat			
CGS 8591.76	F4T5E	4	Mini
CGS 8592.76	F6T5E	6	Mini
CGS 8593.76	F8T5E	8	Mini
CGS 8594.76	F15T8E	15	Med
UV-C Shortwave 254 nm Germicidal			
CGS 8595.76	G4T5	4	Mini
CGS 8596.76	G6T5	6	Mini
CGS 8597.76	G8T5	8	Mini
CGS 8598.76	G15T8	15	Med

Catalog No.	Product
CGS 8599.76	UV Blocking Shield (Hinges from Front), Standard Size
CGS 8600.76	UV Blocking Shield (Hinges from Front), Mid Size
CGS 8601.76	UV Blocking Cover (Hinges from Back), Standard Size
CGS 8602.76	UV Blocking Cover (Hinges from Back), Mid Size
CGS 8603.76	Fan, Cooling (115V/60Hz) for Thriftline™
CGS 8604.76	Fan, Cooling (230V/50Hz) for Thriftline™
CGS 8605.76	Dual Intensity Option for Thriftline™
CGS 8606.76	Power Boost (Electronic Models Only), Single Intensity
CGS 8607.76	Power Boost (Electronic Models Only), Variable Intensity
CGS 8608.76	UV Diffusion Screen



Portable/Rechargeable Lamps

Each of these compact portables has an internal rechargeable lead acid battery, eliminating replacements. One full charge (24 hours) gives 5 to 7 hours of operation. All are equipped with built-in chargers that plug into wall outlet for intermittent or continuous recharging. Engineered for easy operation, comfortable use and reliability. Rugged ABS plastic shell. Ideal for use in non-destructive testing, mineralogy, security control, genetic research, field UV fluorescence analysis, art conservation, antiques, leak detection and more.

Three models are available. Each is provided with a specific tube to provide a certain wavelength of light. The basic models are supplied with two 6 watt tubes with a specific wavelength. Two multi-wavelength models provide both short and long wavelengths. A white light version is also available.

The single wavelength models can operate with either tube individually or both tubes simultaneously. Single tube operation extends battery life while dual tube operation substantially increases the output intensity. Each lamp utilizes a specular high UV reflectance reflector multiplying and focusing UV irradiance. Extended life UV transmitting filter resists solarization, provides service for thousands of hours in short wave and mid-range models.

Specifications

Dimensions, H x W x D 14 x 8 x 27 cm (5.5 x 3 x 10.5 in)
 Weight 1.4 kg (3 lbs)

Portable/Rechargeable Lamps

Tubes	Wavelength	Catalog No.	
		115 VAC, 60 Hz	230 VAC, 50 Hz
2 x 6 watt	365 nm	CGS-8609.76	CGS-8615.76
2 x 6 watt	300 nm	CGS-8610.76	CGS-8616.76
2 x 6 watt	254 nm	CGS-8611.76	CGS-8617.76
2 x 6 watt	Cool White	CGS-8612.76	CGS-8618.76
1 x 6 watt/ 1 x 6 watt	300 nm/ 365 nm	CGS-8613.76	CGS-8619.76
1 x 6 watt/ 1 x 6 watt	254 nm/ 365 nm	CGS-8614.76	CGS-8620.76

Catalog No.	Product
CGS 8621.76	UV Replacement Tube, 365 nm, 6 W
CGS 8622.76	UV Replacement Tube, 300 nm, 6 W
CGS 8623.76	UV Replacement Tube, 254 nm, 6 W
CGS 8624.76	Cool White Replacement Tube, 6 W