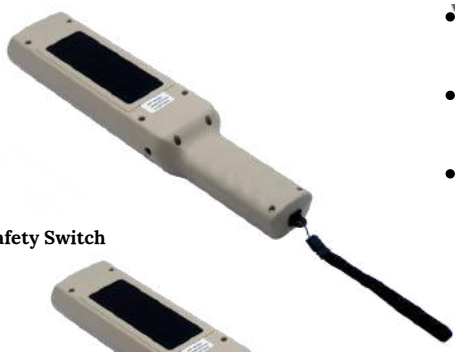
HANDHELD UV LAMPS

UV lamps can be used for observing and imaging DNA and RNA gels. They are essential devices for medical hygiene, bio-engineering, molecular biology, genetic studies and biological production, anti-counterfeit inspection, pharmaceutical production, criminal and forensic examination, and verification. UV lamps can also be used to examine plates for thin-layer chromatography.

Corded Models
BG-10A
BG-30A
BG-40A

Cordless Model
BG-12-A
BG-32-A
BG-42-A



Cordless Model with Auto Safety Switch
BG-12-AA
BG-32-AA
BG-42-AA

PRODUCT FEATURES:

- UV radiation with wavelengths of 365nm or 254nm, or a combination of both 254nm and 365nm
- Reliable components, high-intensity UV
- Portable, lightweight, with an ergonomic design
- Single or dual wavelength units are available
- Choice of corded or cordless rechargeable units
- Unique automatic safety switch to prevent harmful UV radiation exposure when the unit is turned upside down (with AA Models only)

2-Year Replacement Warranty

UV Lamp Intensity Data	
Item #	UV Intensity
BG-10/12	408 µW/cm²
BG-30/32	620 µW/cm²
BG-40/42	254nm: 241 µW/cm² 365nm: 572 µW/cm²
UV intensities were calculated at 10 cm away from sensor	

Accessories

Item #	Name	Product Description	Specifications
BG-B	BG UV Lamp Battery	Lithium-ion battery for BG-12, BG-32, BG-42 UV lamps	NA
BG-Glasses	BG UV Lamp Safety Glasses	Blocks UVA, UVB, and UVC	NA
BGA-01	254nm UV Bulb	254nm UV bulb for BG-10, BG-12, BG-40, and BG-42	254nm 6W 220VAC
BGA-02	365nm UV Bulb	365nm UV bulb for BG-30, BG-32, BG-40, and BG-42	365nm 6W 220VAC

Specifications

HANDHELD UV LAMPS

Model	BG-10A	BG-30A	BG-40A
Product Name	Corded 254nm UV Lamp	Corded 365nm UV Lamp	Corded Switchable 254nm / 365nm UV Lamp
UV Wavelength	254nm	365nm	254nm or 365nm
Window Size	150 x 50 mm (5.9 x 2.0 in)		
UV Intensity (Sensor 10cm away from UV Lamp)	408 μW/cm²	620 μW/cm²	254nm: 241 μW/cm² 365nm: 572 μW/cm²
Number of UV Bulbs	2	2	1 x 254nm + 1 x 365nm
Operating Environment	Ambient Temperature: 5°C~40°C		
	Ambient Relative Humidity: ≤90%		
Power Supply	AC110V±11V, 60Hz		
Dimensions WxDxH	88 x 415 x 60 mm (3.5 x 16.3 x 2.4 in)		
Net Weight	0.8 kg (1.75 lb)		
IP Protection Rating	IP21		
Certifications	CE		

Model	BG-12A	BG-32A	BG-42A
Product Name	Portable 254nm UV Lamp, Cordless	Portable 365nm UV Lamp, Cordless	Portable Switchable 254nm / 365nm UV Lamp, Cordless
UV Wavelength	254nm	365nm	254nm or 365nm
Window Size	150 x 50 mm (5.9 x 2.0 in)		
UV Intensity (Sensor 10cm away from UV Lamp)	408 μW/cm²	620 μW/cm²	254nm: 241 μW/cm² 365nm: 572 μW/cm²
Number of UV Bulbs	2	2	1 x 254nm + 1 x 365nm
Operating Environment	Ambient Temperature: 5°C~40°C		
	Ambient Relative Humidity: ≤90%		
Power Supply	Powered by a Lithium-Ion Battery, Charged by AC110V±11V, 60Hz		
Dimensions WxDxH	88 x 415 x 60 mm (3.5 x 16.3 x 2.4 in)		
Net Weight	0.8 kg (1.75 lb)		
IP Protection Rating	IP21		
Certifications	CE		

Model	BG-12AA	BG-32AA	BG-42AA
Product Name	Portable 254nm UV Lamp with Safety Function, Cordless	Portable 365nm UV Lamp with Safety Function, Cordless	Portable Switchable 254nm / 365nm UV Lamp with Safety Function, Cordless
UV Wavelength	254nm	365nm	254nm or 365nm
Window Size	150 x 50 mm (5.9 x 2.0 in)		
UV Intensity (Sensor 10cm away from UV Lamp)	408 μW/cm²	620 μW/cm²	254nm: 241 μW/cm² 365nm: 572 μW/cm²
Safety Feature	Automatically shuts off when UV lamp is tilted 135° from facing downward		
Number of UV Bulbs	2	2	1 x 254nm + 1 x 365nm
Operating Environment	Ambient Temperature: 5°C~40°C		
	Ambient Relative Humidity: ≤90%		
Power Supply	Powered by a Lithium-Ion Battery, Charged by AC110V±11V, 60Hz		
Dimensions WxDxH	88 x 415 x 60 mm (3.5 x 16.3 x 2.4 in)		
Net Weight	0.8 kg (1.75 lb)		
IP Protection Rating	IP21		
Certifications	CE		