



Handheld UV Lamps

For over 25 years Crystal Technology & Industries has been driven to deliver exceptional value to the scientific marketplace. Our engineers collaborate with top-tier research institutions to design & develop innovative Benchtop Equipment and Cryo Storage Solutions for today's Scientist.

UV Wands Provide 365nm and/or 254nm UV Illumination in an Easy to Use Handheld Device - Auto Safety Switch on AA models

Plug-In Models Models with Lithium Battery and DC12V



Product Features:

- Ideal for illuminating gel samples
- Portable, lightweight, with ergonomic design
- Single or dual wavelength models available
- Choice of corded or cordless rechargeable units
- Automatic safety switch prevents harmful UV exposure when unit is turned upside down (-AA Models Only)
- Cordless units includes charger (100-240VAC, 50/60Hz)

UV Lamp Intensity Data

Item#	UV Intensity
BG-10/12	795 $\mu\text{W}/\text{cm}^2$
BG-30/32	2100 $\mu\text{W}/\text{cm}^2$
BG-40/42	254nm: 271 $\mu\text{W}/\text{cm}^2$ 365nm: 988 $\mu\text{W}/\text{cm}^2$

UV intensities were calculated at 10cm away from the sensor

Specifications:

AC Model		UV Wavelength	UV Window Size	Number of UV Lamps	Dimensions WxDxH
110V 60Hz					
BG-10A (Previous Model BG-11)		254nm	150x50mm (5.9x1.97")	2	88x415x60mm (3.46x16.34x2.36")
BG-30A (Previous Model BG-31)		365nm		2	
BG-40A (Previous Model BG-41)		365nm&254nm		2(1+1)	
Lithium Battery Model with DC12V		UV Wavelength	UV Window Size	Number of UV Lamps	Dimensions WxDxH
Model with Automatic safety switch	Regular Battery Operated Model				
BG-12-AA (Previous Model BG-12-A)	BG-12A (Previous Model BG-12)	254nm	150x50mm (5.9x1.97")	2	88x415x60mm (3.46x16.34x2.36")
BG-32-AA (Previous Model BG-32-A)	BG-32A (Previous Model BG-32)	365nm		2	
BG-42-AA (Previous Model BG-42-A)	BG-42A (Previous Model BG-42)	365nm&254nm		2(1+1)	