

GLOWSTICK-Mini

4 W x 2 UVA tubes

GLOWSTICK-Small

6 W x 2 UVA tubes

GLOWSTICK-Large

8 W x 2 UVA tubes

Light weight

Safe plastic body

Highly Sensitive



Glowstick

- ✓ **Switch for dual intensity of UV-light**
- ✓ **Lightweight design**
- ✓ **Safety cut-off switch to turn off the UV**
- ✓ **Negligible photo-bleaching and photo-nicking of DNA**
- ✓ **366 nm UVA is less hazardous to retina & skin than 302 nm UVB**

Features of this apparatus

Rugged

- Non-brittle filter made of plastic which does not crack easily
- No solarization i.e., UV-transparency of UV-transparent diffuser window is unchanged over time

High Sensitivity

- Visual detection limit 1 ng per compact band of EtBr stained dsDNA due to intensity of UVA tubes
- UV-transparent diffuser window allows 85-90% of the UV to pass through

Safety

- No skin burns or damage to the retina, as UVA tubes emit light similar to light found outdoors
- Negligible photo-nicking or photo-bleaching of DNA due to the use of lower-energy UVA tubes
- Dual (Hi-Lo) mode for viewing. Go to Hi-mode only when required

Economical

- Low capital cost and spares
- Does not need costly UV-transparent violet filter

Ready-to-use system includes

1. Housing unit with a UV-Transparent window
2. UV-tubes (2 tubes) 4 W each in Glowstick-M; 6 W each in Glowstick-S; 8 W each in Glowstick-L.
3. Instruction manual

Ordering description

Glowstick-M (TIGSR-M00204): UV-illuminator with UV-transparent window, lightweight body, safety switch, two UVA tubes of 4 W each, Hi-Lo intensity control.

Glowstick-S (TIGSR-S00206): UV-illuminator with UV-transparent window, lightweight body, safety switch, two UVA tubes of 6 W each, Hi-Lo intensity control.

Glowstick-L (TIGSR-L00208): UV-illuminator with UV-transparent window, lightweight body, safety switch, two UVA tubes of 8 W each, Hi-Lo intensity control.

SUGGESTION

Order along with Glowstick

Chromafilter eyepiece (TIC05-CF0R01
TIC05-CFGN01)

Glowstick and its spares and accessories

Item Description	Cat. No.	Unit
Glowstick-Mini, hand-held UV-illuminator, with two 4 W UVA tubes, automatic safety switch, light weight body.	TIGSR-M00204	System
Glowstick-Small, hand-held UV-illuminator, with two 6 W UVA tubes, automatic safety switch, light weight body.	TIGSR-S00206	System
Glowstick-Large, hand-held UV-illuminator, with two 8 W UVA tubes, automatic safety switch, light weight body.	TIGSR-L00208	System
UVA tubes for Glowstick-M (2 No.)	TIC0S-UA0402	Set
UVA tubes for Glowstick-S (2 No.)	TIC0S-UA0602	Set
UVA tubes for Glowstick-L (2 No.)	TIC0S-UA0802	Set