

UV Spot Source A Series

Applications:

- Optical Communication Component Fabrication
- Precise Component Manufacturing in Electronic Products
- Printer, DVD and Hard Driver Manufacturing
- Medical Instruments



Features:

- UV LED light source with life time more than 20,000 hours. High UV light power density output.
- Adjustable exposure time, no warm-up time needed and easily turn on or off as needed.
- Up to four irradiators supported. Each irradiator is set and controlled independently.
- Up to 16 programs, and up to 16 programmable sections for each program.
- Low heat radiation.
- Electric cable is used to replace the optical fiber in the traditional machine and has better bend insensitive performance.
- More compact than traditional machine and occupies less space.
- RoHS Compliant

Capability

Parameter	Unit		
Irradiator Number			1
Wavelength	nm		365+/-5
Programs			Up to 16
Sections in Each Program			Up to 16
Time of Each Section	s		1-999
Programmable Power	%		10-100
Irradiation Distance	Typ.	mm	10
Beam Size	Typ.	mm	4×4
Central Power Density		mW/cm ²	>2500
Average Power Density		mW/cm ²	>1500
Size (W×D×H)		mm	122×140×160

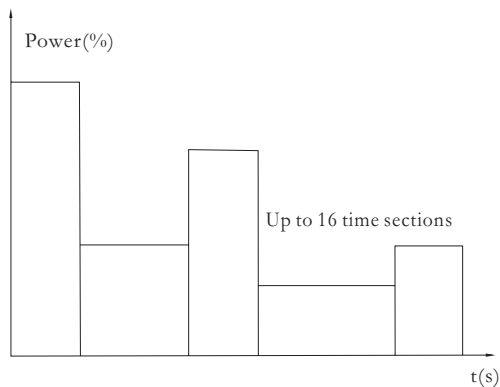


Figure 1. Program X with programmable power outputs and time sections

Order Information:

PUSS - A1000 - $\underset{\text{A}}{\text{X}}$ - $\underset{\text{B}}{\text{XXXXXXXX}}$ - $\underset{\text{C}}{\text{X}}$

A	Irradiator Quantity	1 pcs
		2 pcs
		3 pcs
		4 pcs
B	Irradiator Module	A1036S
C	Cable Length	1 m
		2 m
		3 m
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		.
		9 m