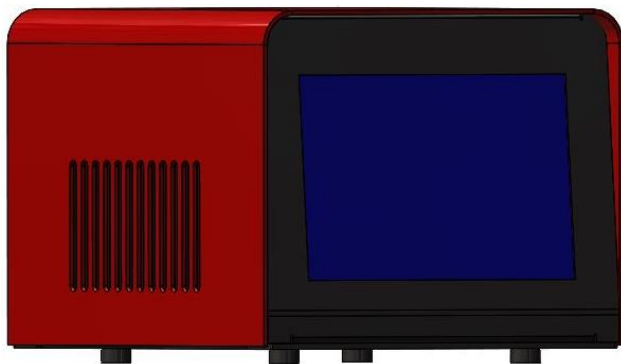


Focus FU1000E

Product Description

FU1000E is a UV-LED spot light source that emits UV light at 365nm, 395nm or 405nm. The controller includes a footswitch and AC power cord. The required LED head is purchased separately and is available in various sizes (3mm, 6mm, 8mm or 10mm diameter). The maximum number of LED heads that can be installed is four units allowing for multiple cure areas. This system is suitable for manual work stations as well as for integrating into automated production lines. The UV LED Spot Cure System can be operated in a continuous light output mode, programmed output mode where the light output intensity and time can be programmed for each separate LED head. The cycle can be initiated with the start/stop button on the front panel or via a PLC connection with an external start signal. This LED light source causes no thermal damage or harmful effects to objects being irradiated. Its low power consumption makes it an energy-saving and environmentally friendly light source. No light guides or lamp replacements are required.



Product Feature

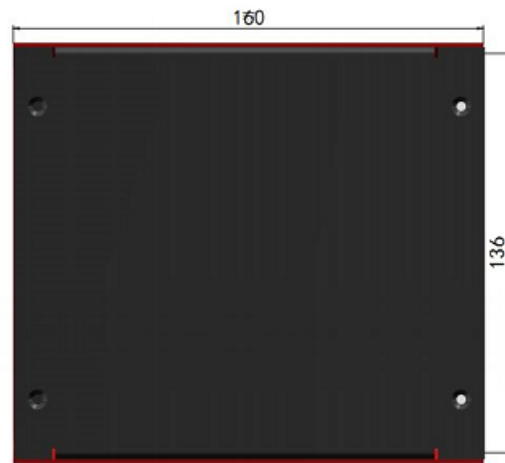
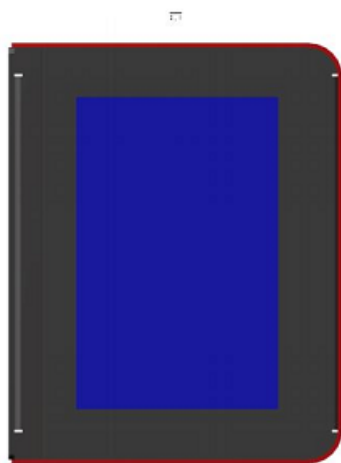
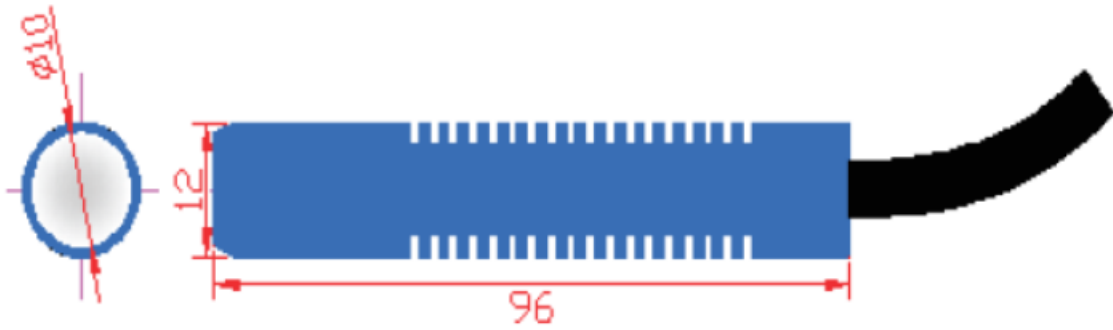
- Offer various wavelength in range of 365nm, 395nm or 405nm
- Instant on-off capabilities, no warm-up time required as compared to mercury-arc lamp UV Wand systems
- The controller has a on/off timer in software, plus a manual mode for use with remote
on/off commands
- LEDs produce zero infrared emissions, reducing part heating and warping
- Fully integrated, self-contained system, including cooling
- PC and touch panel control, easy operation
- Energy efficient – LEDs produce little wasted energy
- Each LED head can be programmed independently for UV intensity and exposure time
- Can operate up to four LED heads
- Each channel is adjustable and can be controller separately
- Choose different diameter LED heads (3 mm, 6 mm, 8mm or 10 mm), must be purchased separately
- Optional 5 m cable length for LED heads is available
- Temperature feedback to eliminate LED heads overheating

Application

- Curing for adhesive
- Curing for printing ink



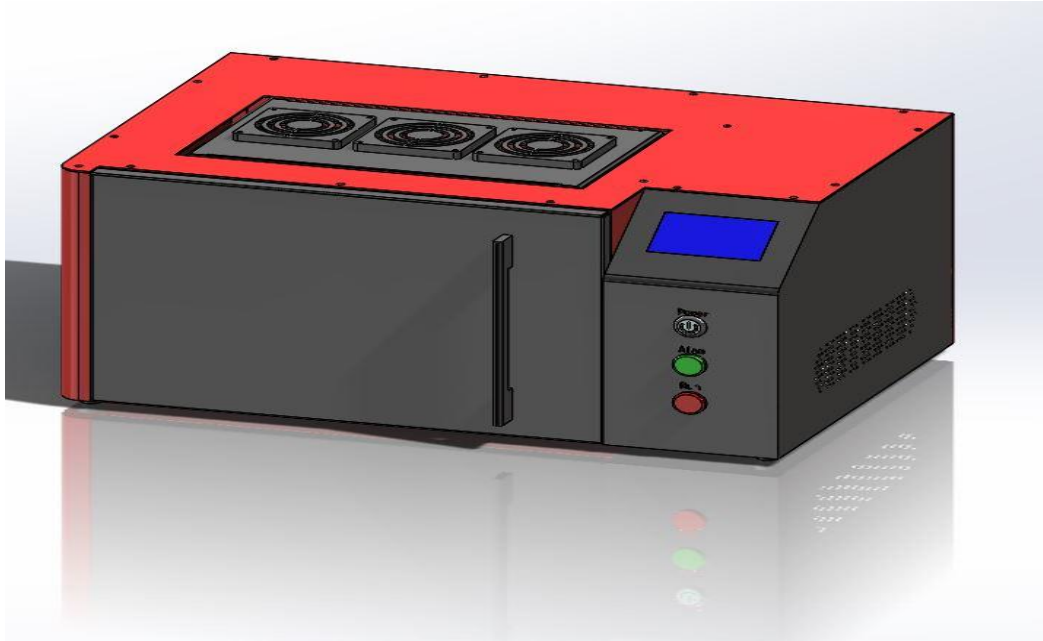
Dimension (unit: mm)



Parameter

Technical data	Item	Parameter	<p>Typical Relative Intensity vs. Wavelength</p>
	Wavelength	365nm/395nm/405nm	
	Curing area	Φ3, Φ6, Φ8, Φ10mm	
	Intensity	<p>365nm Φ10mm : 1200mw/cm²</p> <p>395nm Φ10mm: 2500mw/cm²</p> <p>405nm Φ10mm: 3000mw/cm²</p>	
	Power	30W	
	Cooling	Air cooling	
	LED work life	> 10,000hrs	
Intensity	<p>Intensity vs. Distance</p>		

UV Chamber Solution



Off-line Solution

