



深圳市联佑光电技术有限公司

SHENZHEN LEARNNEW OPTOELECTRONICS TECHNOLOGY CO.,LTD.
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UV Lamp system for Roland Printers

Project content	Subdivision criteria	requirement
LEDUV System configuration unit	UV intensity requirement	LED lamp :16W/cm ²
	Lamp bead	LUMINUS:45MIL



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LEDUV System configuration unit	UV intensity requirement	LED lamp :16W/cm ²
	Lamp bead band	LUMINUS:45MIL 385NM
	LED arrangement	Optimal heat dissipation single core3838Encapsulation mode,Arc concentrating array
	Energy regulation	5-100% stepless adjustable
	Type of ice water machine	Air-cooled water cooler
	Protection function	Over-temperature,Lack of water,Missing phase,over-voltage,overload, The buzzer warning light reminds
	maintainability	General aviation quick-insert bracket All mercury lamps are interchangeable with leds
	Light blocking requirement	Light leakage free, Squelch reflection
	Water pipe requirements	Inner steel wire explosion pipe
	Electrical requirements	Safety device
PLC brand		Siemens
Touch screen brand		Wilenton 7"
Power supply		TBW
contactor		Schneider
Thermal relay		Schneider
Intermediate relay		Schneider/Chint
Circuit breaker		Schneider
Main air opening		Schneider/Chint
Indicator light	APT	



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	button	APT
	program	Touch screens are open source
Key function	Safety control classification	Operator and engineer
	protection	Safety and anti-stay requirements
	Authority management	Engineer interface permission
After sale	After-sales response time	24H
	Arrival time of parts	domestic < 3 天 abroad < 10 天
safety	Leakage switch	Must be equipped with leakage switch
	Earthing device	There is a separate grounding device inside the equipment.
	Anti-stay safety	The protection device of the machine meets the requirements of safety production and anti-stay.
	Safety mark	The security identifier on the device is complete.
Electrical performance	Voltage requirement	Use a three-phase AC380V.
	Electrical circuit requirements	Line code identification is clear and does not fade, Orderly and reasonable circuit, All functional modules are well marked. Separate strong and weak current cables from trough cables, Avoid crossing and overlapping.

specify:

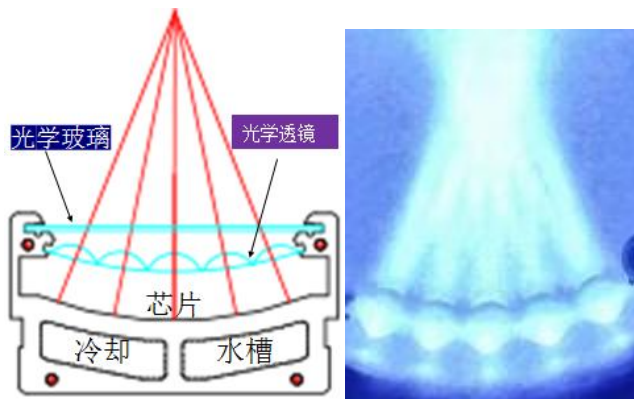
1. LED Light source

Telephoto focus: Ultraviolet light is more concentrated, High light intensity, Strong penetration. Suitable for roller and other arc surface through the light, Effectively control the optical bandwidth within 30MM, Concentrate energy to reduce the negative effect of oxygen inhibiting polymerization; Concentrated light strip to avoid reflective scattering to other roller is not easy to be irradiated.



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Key parameters of light source	LED UVwavelength	385nm	LUMINUS
	Optical property	$\geq 16 \text{ W/cm}^2$	
	LEDcontrol	PWM adjustable, 0-100%	On-line synchronous control with printing press
	Nominal power	9KW Max.	Controlled system, No water cooling system
	Luminous length	1050mm	
	Luminous surface irradiation distance	60-110mm	
	Optical lens	Quartz glass	
	Cooling system	Water cooling, 20-25°C, Synchronous start	
	Service ambient temperature	-10°C ~ +30°C	
	Relative humidity	25-80%	
	Service life	>20,000 hour	

Quotation confirmation (signature and seal): _____

Quotation: _____ confirmation: _____ date: _____