



Jaguar Series

Hands-free LED UV Lamp



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The Jaguar series LED UV lamp features 2 powerful UVA (365 nm) LEDs and white light LEDs to quickly switch between fluorescent inspection and flaw location.

Ideal for fluorescent magnetic particle and penetrant testing, pipeline inspections, ship hull inspections and any environment that requires a portable, hands free inspection lamp. Two versions are available: Headlight and Spray bottle lamp.

Features

- 100% solid state circuit ensuring working steadily in strong magnetic field.
- Safe and pure UV A spectrum in the range of 365 370nm with no UVB or UVC.
- Switch function between UV light and white light.
- Powered by rechargeable lithium batteries.
- Unique mechanical cooling system keeps LED temperature down to ensure optimum performance.
- Two models available: Headlight and Spray Bottle Lamp.
- Leading choice for fluorescent inspection, biological polymerization and oil detection.

	Jaguar 365 Headlight	Jaguar 365 Spray Bottle Lamp
LED Source	2 UV LEDs, 3 white light LEDs	
Wavelength	Certified 365-370nm	
UVA Intensity at 380mm (15")	4500 $\mu\text{w}/\text{cm}^2$	
Coverage Area at 380mm (15")	>1000 $\mu\text{w}/\text{cm}^2$: ~180 x 160mm	
Compliance	ASTM E3022 , ISO 3059 , RRES 90061 , NADCAP, AITM61001, ASTM E1444, ASTM E1417	
UVB/UVC	0	
Visible Light	Visible light emission less than 5 Lux (0.5ft-candle)	
Weight	290g (including 2 batteries)	470g (including 4 batteries)
Operating Voltage	8 VDC	
Power Supply	2 x 3.7V lithium batteries (Type 18650)	4 x 3.7V lithium batteries (Type 18650)
Charging Time	~ 2 hours	
Battery Life	~ 1,000 Charging Cycles	
Certification	CE, RoHS, EX*	

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