

# Jaguar Series

## Hands-free LED UV Lamp

ASTM E3022

ISO 3059

RRES 90061

NADCAP

AITM6-1001

ASTM E2297

ASTM E3022

ASTM E1444

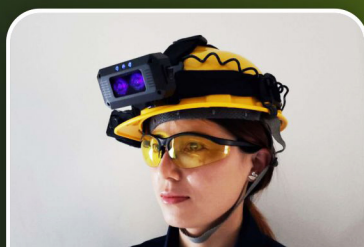
ASTM E1417

ISO 3059

## *Free Your Hands* *Make Fluorescent Testing Easier!*

CrackCheck Jaguar 365 Series LED UV Lamp utilizes the state-of-art LED technology and is widely used for fluorescent inspections in ship hulls, mining, wind turbines or any working conditions that require hands-free operation of the UV lamps within limited working space.

Two versions are available: headlight version (JG365/H) and spray bottle version (JG365/S). Jaguar Headlight can be put on head directly or be mounted on a safety helmet. Jaguar spray bottle light is mounted on a customized spray bottle with manual pressurizing. Jaguar365 consists of 2 UV LEDs and 3 white light LEDs. Powered by lithium batteries, Jaguar ensures long-lasting performance in the harshest conditions.



### Hands-free

- Put on Head
- Mounted on Safety Helmet
- Mounted on Spray Bottle



### Black Light and White Light

- 2 UV-A LEDs
- 3 White LEDs



### Long-lasting Performance

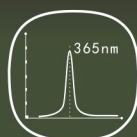
- **Spray Bottle Version:**  
4 Lithium Batteries
- **Headlight Version:**  
2 Lithium Batteries



Headlight



Spray Bottle



Safe  
Spectrum



UV-A and White  
Light



Anti-EMI



Long-lasting  
Endurance



**CHiNDT**



Shanghai CHiNDT Systems and Services Co., Ltd. **ISO9001** **CE** **RoHS**

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## About Jaguar

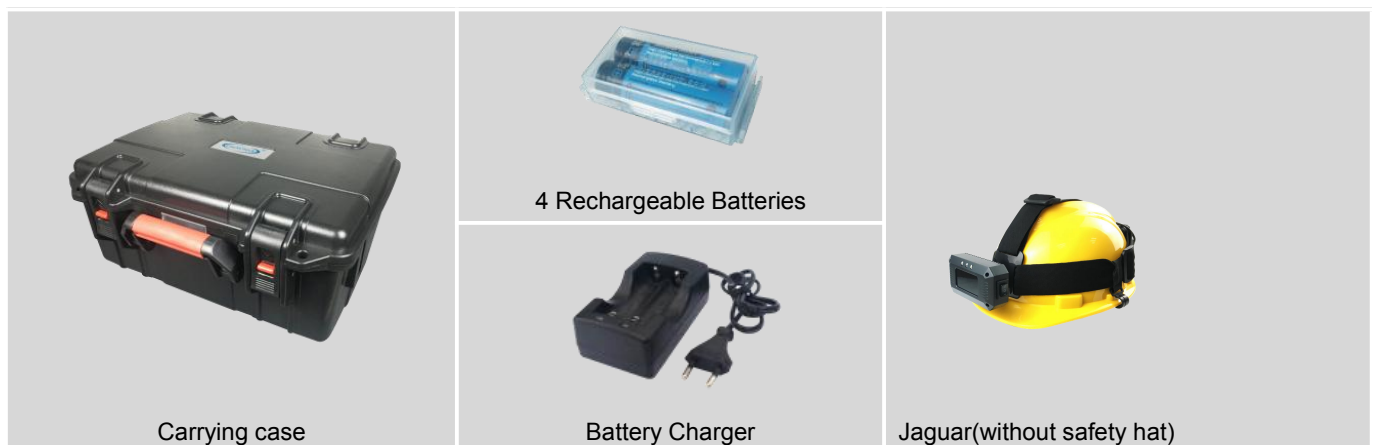
Jaguar series LED UV lamp features 2 powerful UV-A (365 nm) LEDs and white light LEDs to quickly switch between fluorescent inspection and flaw location. Ideal for fluorescent magnetic particle and penetrant testing, pipeline inspections, ship hull inspections, and any environment that requires a portable, hands-free inspection lamp. Two versions are available: Headlight and Spray bottle lamp.

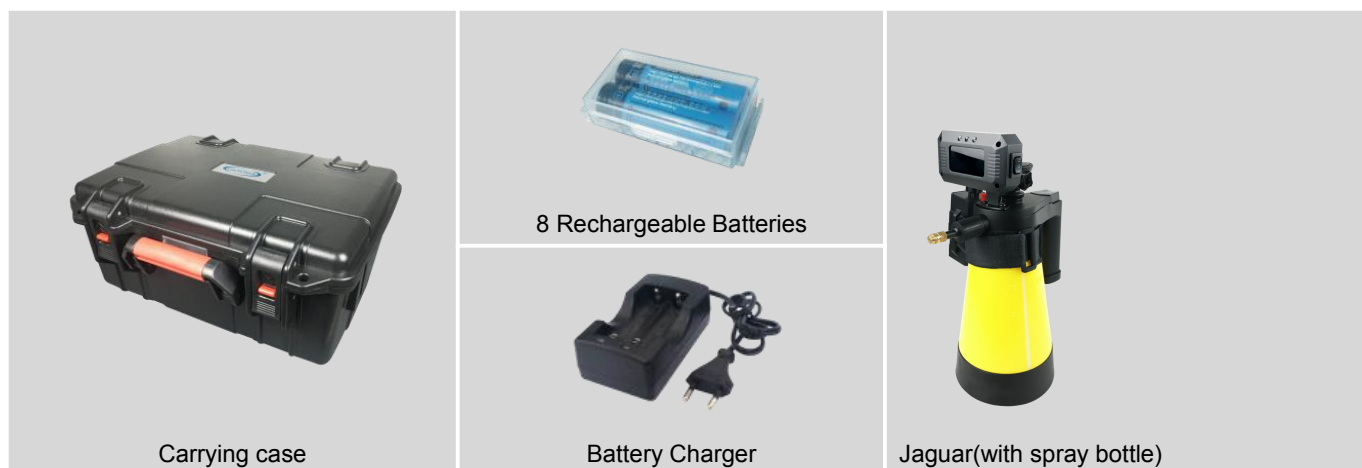


## Jaguar Features

- 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 UV-B and UV-C
- Switch function between UV light and White light.
- Powered by a rechargeable lithium-ion battery (included)
- Unique mechanical cooling system keeps LEDs cool to maintain optimum light output during extended use.
- Two models available: Headlight and spray bottle lamp.
- First choice for fluorescent inspection,leaking test ,biological polymerization and Oil detection.

## A Complete Jaguar Package





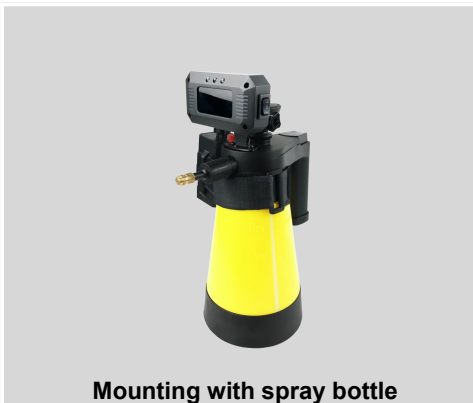
## Jaguar Data Sheet

Item	Jaguar365 Headlight	Jaguar365 Spray bottle lamp
Model	JG365/H	JG365/S
Part Number	604001	604002
LED Source	2 UV-LEDs, 3 white light LEDs	
Wavelength	Certified 365-370nm	
UVA Intensity at 15"(380mm)	~ 4500uw/cm <sup>2</sup>	
Coverage Area at 15"(380mm)	> 1000uw/cm <sup>2</sup> : ~180*160mm	
Compliance	ASTM E 3022, ISO 3059, RRES 90061, NADCAP, AITM6-1001, ASTM E1444, ASTM E1417	
UVB /UVC	0	
Visible Light	< 5Lux (0.5 ft-candle)	
Dimension	100*50*25mm	100*50*25mm
Weight	290g(with 2 pieces of batteries)	470g(with 4 pieces of batteries)
Operating Voltage	8 VDC	
Power Supply	2 * 3.7V lithium batteries (Type 18650)	4* 3.7V lithium batteries (Type 18650)
Charging Time	~2 hours	
Battery Life	~1,000 charging cycles	
Certification	CE, RoHS, Ex*	

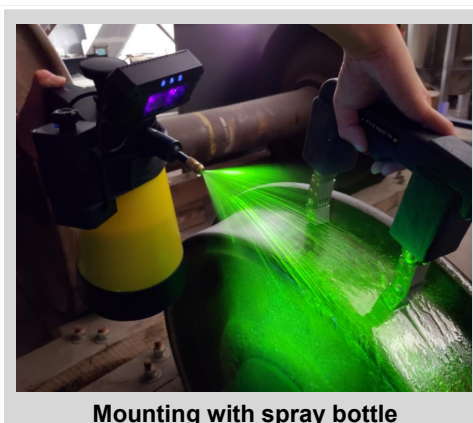
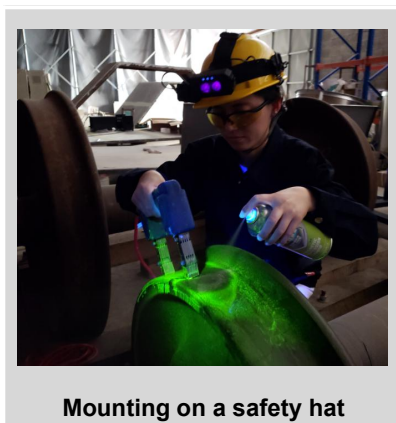




## Jaguar Mounting Methods



## Jaguar Applications



## Jaguar Accessories & Protection

