

## UV INSPECTION LANTERN

LD7220

DATASHEET

### PRODUCT DESCRIPTION

Robust, handheld rechargeable inspection spotlight with a power density of  $15000\mu\text{W}$  at the hotspot and  $1500\mu\text{W}/\text{cm}^2$  at 38cm (15")

TQC UV inspection lantern is used to detect contaminations that react under UV-illumination and cannot be seen with naked eye such as some organic fats, alkaline contaminants etc.. Ideal to inspect the cleanliness of steel prior to painting.

Delivered in a sturdy plastic suitcase complete with yellow safety glasses for optimal contrast. Recharger included.

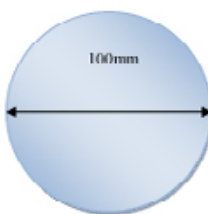
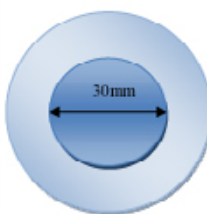
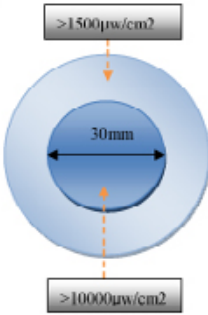


### BUSINESS

Protective Coatings, Corrosion Control, Coating Laboratories, Paint Production, Surface Finishing, Powder Coating

### FEATURES

- Equipped with latest high power UV LED 450 mW at 365nm wavelength
- Output UV light intensity >  $1500\mu\text{W}/\text{cm}^2$  at 38cm
- Rechargeable Li-ion battery supply which provides 180 minutes continuously inspection
- Use life > 20000hours
- Single wavelength, no heat but deep UV light
- Anodized aluminium lamp body, resisted to corrosion and stands up to years of heavy use
- Largely used as UV detective light in different areas, including:
  - Mineral detection
  - Metal cracks detection
  - Non-destructive testing

UV light beam diameter at 38cm (15inches) irradiation distance	UV light beam uniformity at 38cm (15inches) irradiation distance	UV Light Intensity at 38cm (15inches) irradiation distance
		

### SCOPE OF SUPPLY

- UV lantern
- UV protective glasses
- Li-ion battery
- Battery charger
- Carrying case

### ORDERING INFORMATION

LD7220 – TQC UV Inspection Lantern

## SPECIFICATIONS

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Wavelength:	365nm
Length:	160mm
Lamp head diameter:	45mm
Lamp handle diameter:	25mm
Weight (without battery):	190g
Power supply:	one cell 3.7V 2600mah rechargeable Li-ion battery
Run time:	180 minutes
Charge time:	3,5-4 hours

## SPECIAL CARE

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- Though robust in design, this instrument is precision-machined. Never drop it or knock it over
- Always keep the instrument in its case when not in use.

## SAFETY PRECAUTIONS

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### **IMPORTANT NOTE! DO NOT STARE INTO THE BEAM!**

Most of the light of this spot is ultraviolet and invisible to the human eye. Although it may not seem that bright a tremendous amount of invisible UV light is emitted.

## DISCLAIMER

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The right of technical modifications is reserved.

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