

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.

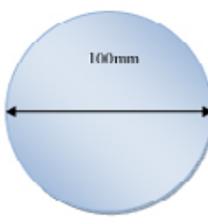
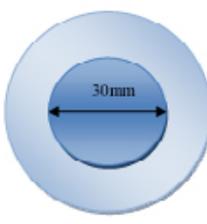
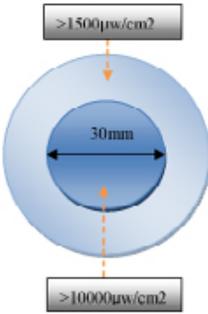
Delivered in a sturdy plastic suitcase complete with yellow safety glasses for optimal contrast. Recharger included.

**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 > 20000 hours
- 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

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

- 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



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

The right of technical modifications is reserved.

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.