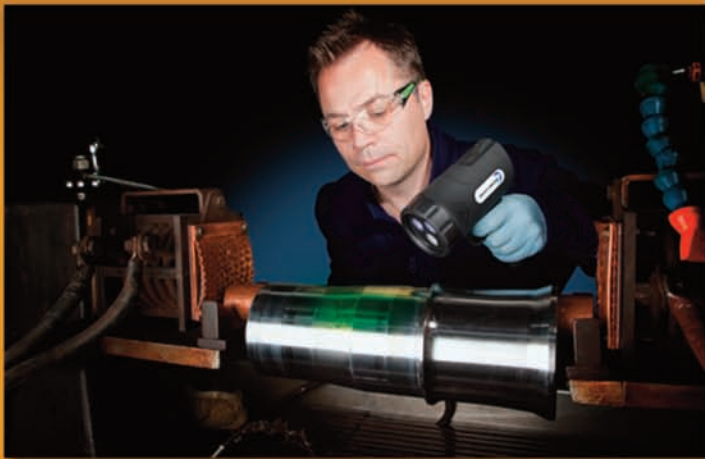


# LUMAZON

## Dual UV & White Light LED Inspection Lamp



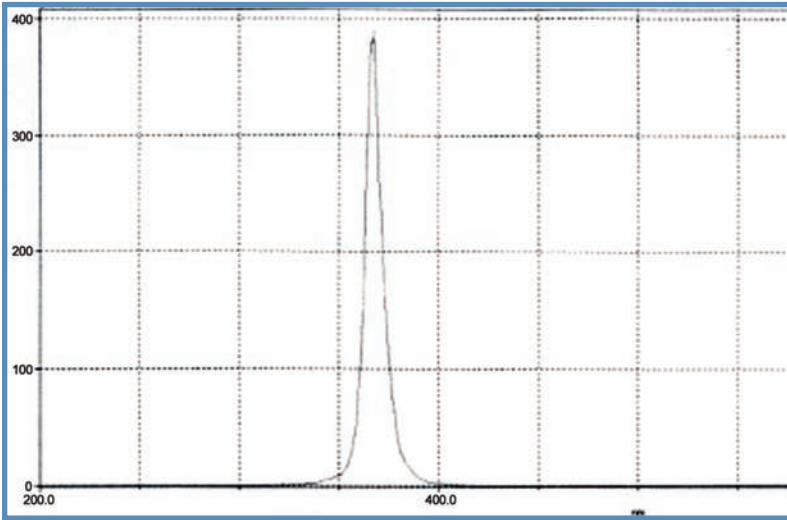
The Lumazon is a dual LED UV and White Light Battery-Powered Lamp for Magnetic Particle and Dye Penetrant Inspection.

LED technology offers improved output, extended operating lifetime, greater efficiency due to instantaneous operation (no warm-up time) and financial savings from not requiring expensive replacement bulbs. LED bulbs are also not affected or influenced by magnetic fields.

Two switches and a trigger are included on the Lumazon. The trigger acts as the on/off switch and adjacent to this is a “hold” switch to maintain UV or White Light output in a constant manner. The other switch on the rear selects UV or White Light output.

### ***Features of the Lumazon Lamp:***

- LED Operation, with long operating life. (No warm-up time, and no costly replacement bulbs)
- Light weight and compact
- Battery operated (rechargeable)
- 5 hours continuous use = multiple shift operation without recharging
- Low battery warning when approximately 0.5 hours life remain
- Switch between ultraviolet and white light
- Meets UV and white light inspection criteria for NDT applications
- High UV output
- Low power consumption
- Not affected by magnetic fields



**Spectral Emission Plot.** Wave length in nm (nanometers)  
(Peak at 365nm +/- 10nm)



**Standard Kit**

- Lamp
- Charger
- Carrying Case
- 12 Month Warranty

**Specifications**

|                             |  |
|-----------------------------|--|
| Maximum UVA at 15.7" (40cm) | >45W/m <sup>2</sup>  |
| UV-Spot                     | 5.115" (13cm) Ø  |
| Wavelength Peak             | 365nm +/- 10nm   |
| White Light Part of UVA     | <20 Lux.   |
| Working Temperature         | 41° F - 95° F (5° C - 35° C) (<50% R.H.)   |
| Storage Temperature         | 14° F - 122° F (-10° C - 50° C) (0-80% R.H.)   |
| Power                       | NiMH battery approximately 5 hours. Smart charger full in approximately 4 hours. Do not use charger as power supply. |
| Low Battery Indicator       | Warning light on rear displays "red" when battery has 30 minutes life remaining.                                     |
| Dimensions                  | 6.1" (L) x 7.87" (H) x 3.35" (W) / 155 mm (L) x 200 mm (H) x 85 mm (W)   |
| Weight (Including Battery)  | 1.3 lbs. (630g)  |
| Protection Class            | IP53   |

*Please Note: Specification subject to change without notice.*

**Custom Solutions**

NDT Solutions, Inc. specializes in innovative designs and solutions to difficult NDT problems. Let our team of development experts build you a system customized to meet or exceed your expectations.

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