



Supplied By

UVEE™ Beam™ Intelligent Lamp

The UVEE is the world's first Intelligently controlled portable, hand-held UV Lamp for fluorescent non-destructive testing applications like fluorescent penetrant testing and fluorescent magnetic particle inspections.



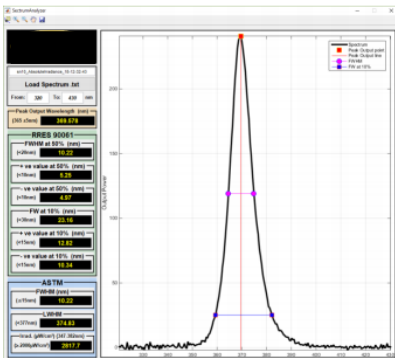
Total compliance with:

- Rolls Royce RRES90061
- Airbus AIM6-1001
- ASTM E3022

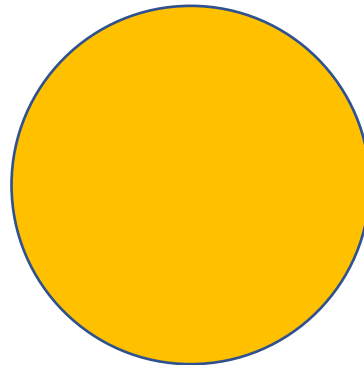
The Lamps have the **ITECP** Embedded Controller Processing unit. The ITECP provides the following benefits:

- Far tighter control of luminous power outputs
- Optimised battery management provides the longest operating time
- Guarantees that UV output remains at the required level by compensating for temperature of the LEDs
- Full power in less than 3s!

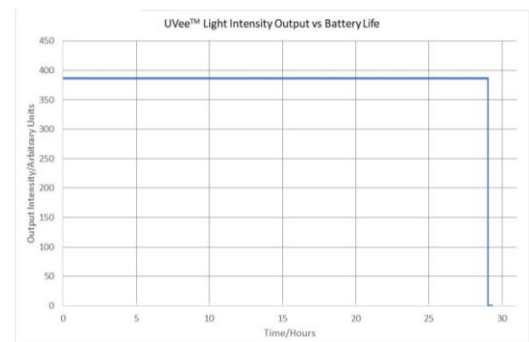
Every unit is supplied with a manufacturer's certificate of conformance for use with fluorescent liquid penetrant and magnetic particle testing.



Extremely tight spectral range



Extremely uniform, wide field beam



**Extremely UV Stability
27 Hrs runtime**



TESTRADE

• NON-DESTRUCTIVE TESTING EQUIPMENT •

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Features

Benefits

Battery Operated	No cables, no trip hazards, can be used in the field.
Optionally powered from mains cable	Can be permanently mounted
ITECP Controller	
<ul style="list-style-type: none">• Temperature compensation	Guarantees that UV output remains at the required level
<ul style="list-style-type: none">• Intelligent output control	Maintains control of luminous power
<ul style="list-style-type: none">• Intelligent Power up	Ready to use in less than 3s
<ul style="list-style-type: none">• Charge optimization	Fully charged in 3hrs <ul style="list-style-type: none">• Can still be used whilst charging
Wide Beam	Reduces inspection time
<ul style="list-style-type: none">• Reduced inspection time	<ul style="list-style-type: none">• Reduces operational costs
Light weight	Reduces operator fatigue

Product Specifications

Intensity	Typical irradiance of 4500 μ W/cm ²
Wavelength	UV-A, peak at 365+ 5nm
Visible Light	Less than 10 lux@ 38 cm
Start-Up Time	Full output power < 3 Sec
Power	Battery or mains
Continuous Runtime	27 Hrs
Charging Time	Approx. 3 Hrs
Low Battery Indicator	At 15% (approx. 70 mins remaining)
Working Temperature	0° - 45° C (32° - 113°F)
Dimensions	80 x 200 x 190mm (3.2" x 7.9" x 7.5")
Weight (Inc. Batteries)	600g (1.3lb)
Mounting	Tripod mount 1/4, 20 TPI
Certifications	<ul style="list-style-type: none">• Rolls Royce RRES90061• Airbus AITM6-1001• ASTM E3022
Warranty	10 Years (excl. Consumables)

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