

See through the noise

UVEE™ Big 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.



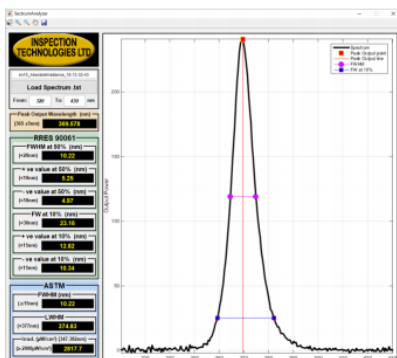
Total compliance with:

- Rolls Royce RRES90061
- Airbus AITM6-1001
- ASTM E3022

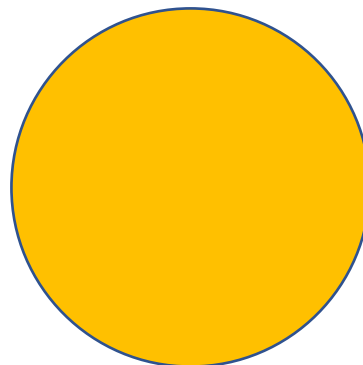
All our Lamps have the **ITECP** Embedded Controller Processing unit. The ITECP provides the following benefits:

- 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!
- 36cm Wide Beam: **56% Wider beam than Magnaflux EV6000 & 44% wider than Labino BB v2.0**

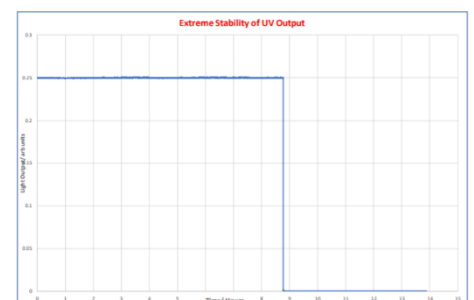
Every unit is supplied with a manufacturer's certificate of conformance for use with fluorescent liquid penetrant and magnetic particle testing.



Extremely tight spectral range



Extremely uniform, wide field beam



Extremely UV Stability

See through the noise

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 4500µW/cm2
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
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 ¼, 20 TPI
Certifications	<ul style="list-style-type: none"> Rolls Royce RRES90061 Airbus AITM6-1001 ASTM E3022
Warranty	10 Years (excl. Consumables)