

# uVision™ MAX SERIES

Wide Angle Handheld UV Lamps

SPECTRO-UV®

The **uVision™ MAX Series** represents Spectro-UV's next evolution in handheld NDT inspection technology. Featuring an innovative 4-lens configuration, these advanced lamps deliver exceptional wide-angle UV-A coverage optimized to 9.5 in (24 cm) coverage area at 15 in (38 cm). Built on proven uVision platform, the **MAX Series** maintains the same IP-65-rated durability, fanless thermal management and compliance features that professionals trust.

The expanded lens array provides broader, more uniform UV-A distribution while maintaining the intensity standards required for critical NDT applications. Whether inspecting large surface areas or complex geometries, the **MAX Series** delivers consistent, reliable illumination across the entire inspection zone.



| Part Number         | ASTM E3022 | ISO 3059 | RRES:90061 | AIRBUS AITM6 | PRATT & WHITNEY | Nominal Steady State UV-A Intensity at 15 in (38 cm) | UV-A Coverage at 15 in (38 cm) at minimum 1,200 $\mu\text{W}/\text{cm}^2$ | Power Source           | Run Time | White Light | Adaptors                                   |
|---------------------|------------|----------|------------|--------------|-----------------|--|---|------------------------|----------|-------------|--|
| <b>UV-365MAXHC</b>  | X          | X        | X          | X            | X               | 4,500 $\mu\text{W}/\text{cm}^2$                      | 9.5 in (24 cm) $\emptyset$  | AC Cord                | —        | Y           | A/B, C/F, I, G, N, A/B C/F & G w 20ft Cord |
| <b>UV-365MAXZHC</b> | X          | X        | X          | X            | X               | 4,500 $\mu\text{W}/\text{cm}^2$                      | 9.5 in (24 cm) $\emptyset$  | AC/DC (Li-Ion Battery) | 7 hrs    | Y           | A/B, C/F, I, G, N                          |
| <b>UV-365MAXMHC</b> | X          | X        | X          | X            | X               | 4,500 $\mu\text{W}/\text{cm}^2$                      | 9.5 in (24 cm) $\emptyset$  | AC/DC (Li-Ion Battery) | 7 hrs    | Y           | A/B, C/F, I, G, N, A/B C/F & G w 20ft Cord |

**Note:** UV-A intensity reading taken with the Spectro-UV® AccuMAX™ Series meter, and is factory set to the value shown.

Each lamp is fitted with an 8-foot cord and the appropriate plug for the country of destination. An optional 20-foot cord is available. The “/20” suffix denotes the 20-foot power cord options.

**20-foot cord options:**

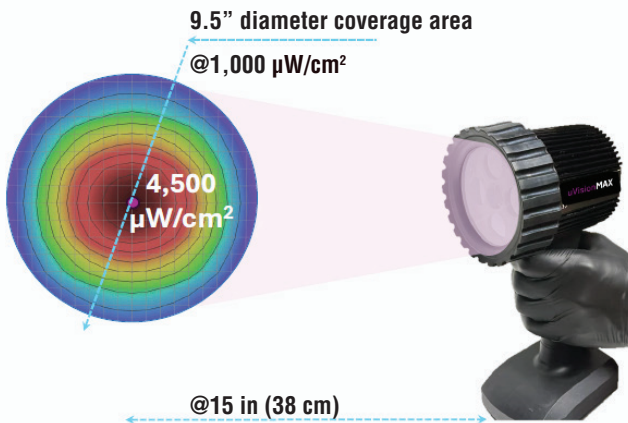
/20: 20-foot extension cord with 100-120V/50-60Hz USA Plug Type A/B

/20/F: 20-foot extension cord with 230V/50Hz Euro Plug Type C/F

/20/FB: 20-foot extension cord with 230V/50Hz UK Plug Type G

## Key Features

- **Optimized 9.5 in (24 cm) Diameter Coverage Area** - Ideal balance of coverage and intensity for most NDT applications
- **4-lens UV-A Lenses** - Enhanced coverage area with uniform intensity distribution
- **Wide-Angle Beam Pattern** - Reduces inspection time with broader illumination field
- **Enhanced Thermal Management** - Advanced heat sink design
- **Compliant Design** - Embedded microprocessors maintain specifications across all operating conditions
- **IP65 Environmental Rating** - Dust-tight and water-resistant for demanding work environments
- **Sealed Control Switch** - Grip-mounted, three-way rocker switch (white light/off/UV)
- **Pistol Grip** - Comfortable, balanced control
- **Power/Battery Life Light** - indicates power level
- **Integral White Light LED** - Convenient work area illumination with adjustable intensity



| Specifications                                     | Details   |                               |
|--|---|-------------------------------|
| <b>Light Source</b>                                | (4) UV-A LEDs, (1) white light LED  |                               |
| <b>Lamp Style</b>                                  | Pistol Grip   |                               |
| <b>Lamp Diameter Head</b>                          | 3.5 in (9 cm)   |                               |
| <b>Height</b>                                      | 7.5 in (19 cm)  |                               |
| <b>Width</b>                                       | 3.5 in (9 cm)   |                               |
| <b>Weight</b>                                      | 1.9 lb (0.90 kg)  |                               |
| <b>White Light LED Intensity</b>                   | 400 foot-candles (4,306 lux)  |                               |
| <b>Power Requirements</b>                          | 100-120VAC / 12VDC  | Also available in 230V & 240V |
| <b>External Battery Pack: M-Model Only</b>         | Type: 14.8V, Li-Ion (rechargeable)<br>Run time: 7 hrs continuous<br>Charge time: 4 hrs      |                               |
| <b>In-Handle Lithium Ion Battery: Z-Model Only</b> | Type: 14.8V, Lithium Ion (rechargeable)<br>Run time: 7 hrs continuous<br>Charge time: 4 hrs |                               |



**BASE MODEL**  
In-line A/C Cord  
Model: UV-365MAXHC



**Z-MODEL**  
External Battery Pack  
Model: UV-365MAXZHC



**M-MODEL**  
In-handle Battery  
Model: UV-365MAXMHC