



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
UV-365MAXHC	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
UV-365MAXZHC	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
UV-365MAXMHC	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:

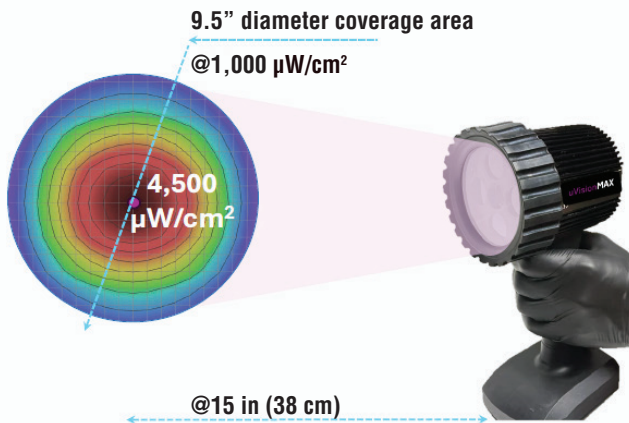
/20: 20-foot extension cord with 100-120V/50-60Hz USA Plug Type A/B

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

