

TRITAN™ 365 SERIES

LED UV-A Handheld Lamps



TRITAN™ 365 SERIES NDT lamps are Spectro-UV's signature inspection lamps, and are used around the world for reliable inspections. TRITAN™ lamps feature three hi-lux UV-A (365 nm) LEDs for fluorescent inspection, plus a convenient white light LED to locate surface flaws and illuminate dark work areas. Their broad-beam configuration provides an extremely wide coverage area, while a compact head design allows access into areas inaccessible to larger UV inspection lamps.



Key Features

- **Three High-Flux UV-A LEDs (365 nm)** - Superior fluorescent inspection capability with broad-beam coverage
- **Integrated White Light LED** - 400 foot-candles for surface flaw detection and workspace illumination
- **Multiple Intensity Options** - Standard ($\leq 5,000 \mu\text{W}/\text{cm}^2$) and high intensity (up to $9,000 \mu\text{W}/\text{cm}^2$) configurations
- **Industry Standards** - Meets ASTM E3022, EN ISO 3059 and Rolls-Royce RRES 90061 specifications
- **Certificate of Conformance** - Validation report included with each lamp
- **Built-in Cooling System** - Integrated fan maintains optimal performance during extended use
- **Thermal Protection** - Cut-off circuitry prevents compliance issues from overheating on select models
- **Durable Construction** - Rubber bumper with Borosilicate glass lens protects LEDs
- **Flexible Power Options** - AC-powered and battery-operated models available
- **Extended Runtime** - Battery models provide 3.5 hours continuous operation

Part Number	ASTM E3022	ISO 3059	RRES-90061	AIRBUS ATM6	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
TRI-365SBLC	X	X	X	X	X	4,500 $\mu\text{W}/\text{cm}^2$	5.5 in (14 cm) \emptyset	AC Cord	—	Y	A/B, C/F, I, G
TRI-365HC	X					8,000 $\mu\text{W}/\text{cm}^2$	6 in (15 cm) \emptyset	AC Cord	—	Y	A/B, C/F, I, G, A/B & F w 20 ft cord
TRI-365HB						9,000 $\mu\text{W}/\text{cm}^2$	6.5 in (16.5 cm) \emptyset	AC Cord	—	Y	A/B, C/F, I, G, A/B & F w 20 ft cord
TRI-365DB						4,750 $\mu\text{W}/\text{cm}^2$	5.5 in (14 cm) \emptyset	AC Cord	—	Y	A/B, C/F, I, G
TRI-365MDB						<5,000 $\mu\text{W}/\text{cm}^2$	5.5 in (14 cm) \emptyset	AC/DC (Li-Ion Battery)	3.5 hrs	Y	A/B, C/F, I, G
TRI-365MHB						9,000 $\mu\text{W}/\text{cm}^2$	6.5 in (16.5 cm) \emptyset	AC/DC (Li-Ion Battery)	3.5 hrs	Y	A/B, C/F, I, G

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Available in multiple configurations including standard intensity, high intensity and fully compliant versions, the **TRITAN™ 365 Series** meets rigorous international standards including ASTM E3022, EN ISO 3059 and Rolls-Royce RRES 90061. The series offers both AC-powered and portable battery-operated models to accommodate diverse inspection environments and operational requirements.



TRITAN™ 365 M-Series:

Portable, battery-operated AC/DC lamp kits. Includes UV-A lamp, rechargeable Li-Ion battery pack, power supply adapter with AC and DC cord sets, smart AC charger, UV-absorbing spectacles and padded carrying case



127955
Standard Faceplate



128196
Faceplate with Integral UV-A pass filters (SBLC and HC models only)

Specification	Details
Light Source	(3) UV-A LEDs, (1) white light LED
Lamp Style	Pistol Grip
Lamp Head Diameter	3.25 in (8.25 cm)
Height	8 in (20.3 cm)
Weight	1 lb (454 g)
White Light LED Intensity	400 foot-candles (4,306 lux)
Power Requirements	100-120VAC / 12VDC (Also available in 230 V & 240V Versions)
Battery Pack	Type: 12V, Li-Ion (rechargeable) Run time: 3.5 hours continuous Charge time: 2 hours
Cooling System	Built-in fan

SPECTRO-UV®

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