

**LED Cold Light Source
Ultra-High Brightness
Flashlight Type**



VM10 Series

Ultraviolet Flaw Detector Torch

Features and Performance

- Yushi VM Series Torches adopt high-power 365nm Ultraviolet band LED Lamp Beads produced by Japanese NICHIA Company. The UV-A spectrum is pure and free from UV-B and UV- C light. The lifetime of lamp beads reaches up to 20000 hours, high efficient, energy conservation and environmental protection.
- Quick start, can reach the maximum illuminance as soon as switched on.
- Ultra-low power consumption, ultra-high efficiency. Working hours are much more than like products.
- Cold light source low temperature operation, long-term stable illumination output.
- Professional black filter.
- High strength aviation aluminum alloy housing with anodized surface.
- The enhanced heat dissipation design to make the lamp be used continuously for a long time.
- Each flashlight is equipped with a special high-speed charger.
- with anti-magnetic interference function, which can be used in high-intensity magnetic environment.

Technical Parameter

Model		VM10	VM30	VM50	VM70
Paramete					
UV-A Central Intensity at 38cm (15 in)		≥ 10000 u W/cm ²	≥ 13000 u W/cm ²	H ≥ 20000 uW/cm ²	≥ 20000 u W/cm ²
				L ≥ 8000 uW/cm ²	
UV-A COVERAGEAREA at 38cm (15 in)		$\phi 63\text{mm}$	$\phi 55\text{mm}$	$\phi 55\text{mm}$	$\phi 105\text{mm}$
Visible Illumination $\geq 1200 \mu \text{W/cm}^2$		2.91 lux	3.4 lux	3.14 lux	5.8 lux
Black Light Filter		●	●	●	●
Light Source		365nm UV-A LED			
Amount of LED		1	1	1	3
ICR 18650 Li-ion battery		●			●
ICR 26650 Li-ion battery			●	●	
Battery Capacity		3.7V $\geq 2600\text{mAh}$	3.7V $\geq 3800\text{mAh}$	3.7V $\geq 3800\text{mAh}$	3.7V $\geq 2600\text{mAh}$
Amount of Batteries		1	1	2	4
Run Time(Continuous)		4hours	5 hours	L:18 hours H:8 hours	5hours
Charging Time		5 hours	6 hours	7 hours	5 hours
Dimension	Lamp Head Diameter	28mm	40mm	62mm	60mm
	Window Diameter	22mm	34mm	55mm	50mm
	Length	128mm	144mm	240mm	143mm
Weight(with Battery)		140g	240g	520g	610g

Standard Configuration							
Name Model	UV Torch	Battery	Charger	Suitcase	Protective Glasses	Qualification	Operation Manual warrenty card and packing list is included
VM10	1	1	1	1	—	1	1
VM30	1	1	1	1	1	1	1
VM50	1	2	1	1	1	1	1
VM70	1	4	1	1	1	1	1
Optional Accessories							
Lithium Battery			Protective Glasses			Spectacle Case	