

**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	
UV-A Central Intensity at 38cm ( 15 in)	$\geq 10000$ u W/cm <sup>2</sup>	$\geq 13000$ u W/cm <sup>2</sup>	H $\geq 20000$ uW/cm <sup>2</sup> L $\geq 8000$ uW/cm <sup>2</sup>	$\geq 20000$ u W/cm <sup>2</sup>	
UV-A COVERAGEAREA at 38cm (15 in)	$\phi$ 63mm	$\phi$ 55mm	$\phi$ 55mm	$\phi$ 105mm	
Visible Illumination $\geq 1200$ $\mu$ W/cm <sup>2</sup>	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 $\geq 2600$ mAh	3.7V $\geq 3800$ mAh	3.7V $\geq 3800$ mAh	3.7V $\geq 2600$ 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	

<b>Standard Configuration</b>							
<b>Name Model</b>	<b>UV Torch</b>	<b>Battery</b>	<b>Charger</b>	<b>Suitcase</b>	<b>Protective Glasses</b>	<b>Qualification</b>	<b>Operation Manual warrenty card and packing list is included</b>
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
<b>Optional Accessories</b>							
Lithium Battery			Protective Glasses			Spectacle Case	