

LED Cold Light Source
Super Brightness
All Aluminum Alloy Housing



VM100 Series

Ultraviolet Flaw Detector Lamp

VM100 Series Technical Specifications

Product Introduction

- ◆ Yushi VM100 Series LED UV Lamp adopts 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.
- ◆ High power output, quick start, can reach the maximum illumination as soon as switched on.
- ◆ Ultra-low power consumption, ultra-high efficiency. Cold light source low temperature operation, long-term stable illumination output.
- ◆ Optical filter is made of high UV transmittance transparent Quartz optical glass.
- ◆ The shell of the instrument is made of 6061-T6 high strength illumination alloy precision machining. The surface is anodized, sturdy and durable.
- ◆ The built-in efficient cooling fin and low noise high speed fan dissipate the heat through aluminum alloy shell integrally, so it can be used continuously for a long time.
- ◆ With anti-magnetic interference function and can be used in high-intensity magnetic field.
- ◆ Both switch and jack socket are at the end of the instrument, which is convenient to use and can avoid misoperation.
- ◆ The VM100 Series have passed through The International Standard of IEC 60529 《Housing Protection Grade (IP66)》 dustproof and waterproof testing. Adapt to various environments and more safe and reliable.

Technical parameter

Parameter \ Model		VM100	VM100D
Central Intensity at 38cm (15 in)		$\geq 16000\mu\text{W}/\text{cm}^2$	$\geq 9000\mu\text{W}/\text{cm}^2$
UV-A Coverage area at 38cm (15 in)		$\phi 250\text{mm}$	$\phi 200\text{mm}$
Visual Illumination		10.89 lux	9.21 lux
Power requirements		AC	AC or built-in battery
Light Source		365nm UV-A band LED lamp bead	
Amount of LED		5	4
Input Power		100-240 V AC 50/60 Hz	16.8 V DC
Battery Model		-	8 pcs of 3.7V 2600mAh ICR18650 Li-ion battery
Battery Powered Working Hours		-	7 hours
Charging Time		-	4 hours
Cooling System		Built-in fan	
Dimension	Lamp Head Diameter	120mm	
	Window Diameter	88mm	
	Length	190mm	
	Handel Length	120mm	
Weight		1290g	1560g

Standard Configuration

	UV Lamp	Power Line	Adapter	Backpack	Protective Glasses with case	Manual	Certificate	Warranty Card	Packing List
VM100	1	1		1	1	1	1	1	1
VM100	1		1	1	1	1	1	1	1