

**Portable Ultraviolet UV Lamp for Fluorescence Penetrant Testing and Leak Detection**

The shell of the instrument is made of 6061-T6 high strength aluminium 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 aluminium alloy shell integrally.

With anti magnetic interference function, it can be used in high-intensity magnetic field.

Both switch and jack socket are at the end of the instrument, make it convenient to use and avoid misoperation.

The product has passed through International Standard of IEC 60529 (Housing Protection Grade IP66) dust proof and waterproof testing, wider working environment and more reliable.

**Main Application:**

Fluorescence Penetrant Testing

Fluorescence Magnetic Particle Flaw Detection

Fluorescence Leak Detection

Oil Stain, Blot Testing

Special Gas, Oil and Gas Pipeline Testing

Fluorescence Reflection Detection for Special Materials

Criminal Investigation and Legal Medical Expert Survey

Banknote Identification, Jewel Appreciation

Agriculture, Foodstuff, Medical Treatment and other relevant industries.

**Model Selection:**

Product Model	VM 10	VM 30	VM 50	VM 70
Central Intensity of Ultraviolet Ray at 38cm Distance	≥10000 uW/cm <sup>2</sup>	≥13000 uW/cm <sup>2</sup>	≥20000 uW/cm <sup>2</sup>	≥20000 uW/cm <sup>2</sup>
Irradiated Area at 38cm Distance	Φ 70mm	Φ 45mm	Φ 55mm	Φ 80mm
Diameter of Light Inlet Window	Φ 22	Φ 34	Φ 55	Φ 55
Battery Model	ICR 18650	ICR 26650	ICR 26650	ICR 18650
Battery Capacity	2600mAh	4800mAh	4800mAh	2600mAh
Battery Amount	1	1	2	4
Charging Time	≥5H	≥6H	≥7H	≥5H
Operating Time	≥4H	≥5H	≥8H	≥5H
Weight	140g	240g	520g	610g

**Packing List:**

Model	VM10	VM30	VM50	VM70
Main Device	1	1	1	1
Battery	1	1	2	4
Charger	1	1	1	1
Suit Case	1	1	1	1
Operating Manual	1	1	1	1
Certification	1	1	1	1
Warranty Card	1	1	1	1
Packing List	1	1	1	1

**Matters need Attention:**

1. Please pay attention to the positive and negative pole of the battery, positive toward to the lamp holder direction. Try to avoid battery over discharge.
2. Keep away from child.
3. Do not irradiate eyes and skin.
4. Keep away from fire.
5. Please store in low temperature, dry and ventilation.
6. If long time no use, please take out the battery. It is suggested to charge and discharge every 3 months.
7. Optimum charging environment: 18-30°C, humidity 25-62%.  
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