



**INSTANT ON/OFF OPERATION**  
No warm-up time for fully intensity



**LED**  
LED's Life  
(40,000 Hrs)



**SAFER**  
Robust aluminium design



**Runtime**  
5H 5 hr Runtime

## LED UV Torch

UVA90 LED UV Torch of JMD is designed and manufactured as lightweight, compact, long life, high durability solution used for UV inspection techniques. The On/Off button is positioned in the back of the torch to prevent accidental activation. At full charge the battery provides approximately 5 hours of constant use. It can be used at the lowest possible distance because of its uniform intensity with no Hotspot, It is manufactured in accordance with ASTM E1444 and E3022 standards.

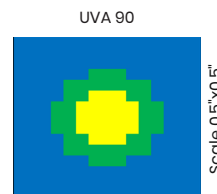
### Salient Features :

- Ergonomically Designed Robust Aluminum Housing
- Instant ON/OFF, No Warm-Up Time For Full Intensity
- Long Lasting LED's life (40,000 Hrs.)
- Even Beam Profile Without Hotspots
- UVA Pass Filter
- Rechargeable Li-Ion Battery

### Technical Specifications :

Light Source	: 1 UVA LED
Max UVA Intensity with filter at a distance of 15" (38cm)	: 3500 $\mu\text{W}/\text{cm}^2$
White Light Emission	: <10 Lux (0.92 fc)
Wavelength (Peak)	: 365 nm $\pm$ 5 nm
Max. Beam Coverage Area	: $\varnothing$ 90mm
Battery Run Time	: 5 Hours
Battery Charge Time	: 2.5 Hours
Housing Material	: Powder Coated Aluminum
Housing Dimension	: $\varnothing$ 1.6" X 8.4"
Approximate Weight	: 0.66lbs (300gms)

### Beam Irradiance Pattern & Profile



- Blue <200  $\mu\text{W}/\text{cm}^2$
- Green 200 - 1000  $\mu\text{W}/\text{cm}^2$
- Yellow >1000 - 5000  $\mu\text{W}/\text{cm}^2$



- Red >5000 - 10000  $\mu\text{W}/\text{cm}^2$
- White > 10000  $\mu\text{W}/\text{cm}^2$

### Kit Contains :

- LED UV Torch
- Neck Strap
- Battery Charger
- Operation Manual & Certificate of Conformity
- UVA Protective Glasses
- Soft Case

### Order Part No. :

- UVA 90
- Standard Warranty: 06 months.

### JMD NDT Inc.

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