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 **CHiNDT**[®] | **【Sirius】 Series**
SI-60



SI [Sirius] series Handheld LED UV lamp



CrackCheck Sirius series handheld LED UV NDT inspection lamps feature 4 powerful UV-A (365 nm) LEDs plus a convenient white light LED to quickly switch between fluorescent inspection and flaw location. Every handheld NDT lamp is strictly tested by our senior engineer to ensure that the spectrum strictly focuses on 365-370nm. The smooth and large beam of this handheld uv lamp make it a useful tool for any inspection, either on the field or on a bench. And they are widely used in NDT testing.

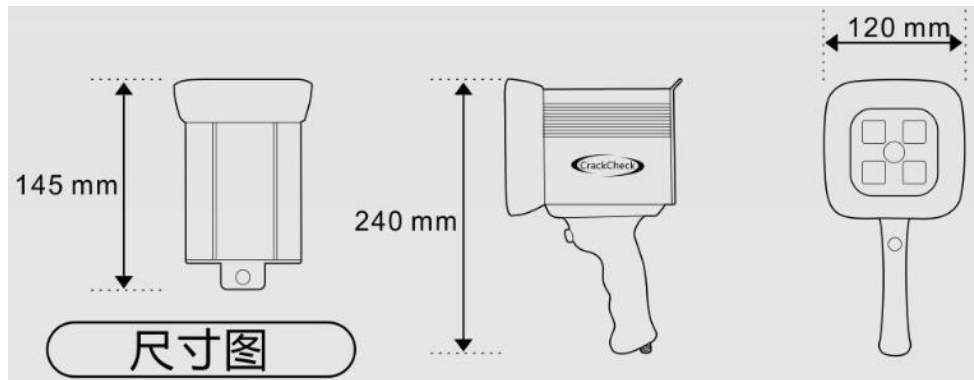
Available in two models (Sirius-60 and Sirius-45) to meet your specific inspection requirements, which include high-intensity and standard-intensity versions, each with or without a black light filter.

[Check the Crack with CrackCheck!](#)

1 Model

| Model | Intensity (at 38cm) | Compliance |
|--------------------------------|------------------------------|---|
| SI-60 (standard version) | 6000 μ w/cm ² | <ul style="list-style-type: none"> • ASTM E2297 • ASTM E3022 • ASTM E1444 • ASTM E1417 • ISO 3059 |
| SI-45A (Aero version) | 4500 μ w/cm ² | <ul style="list-style-type: none"> • Airbus AITM6-1001 • ASTM E2297 • ASTM E3022 • ASTM E1444 • ASTM E1417 • ISO 3059 • Rolls Royce RRES 90061 |

2 Size



3 Features

- **100% solid state circuit** ensures working properly in strong magnetic field
- Switch function between UV light and White light, and the white light switch on together with the UV light when press the yellow inching button .
- Safe and pure UV-A content with no UV-B and UV-C,almost no visible light.
- Unique mechanical cooling system keeps LEDs cool to maintain optimum light output during extended use
- Choice of one high-intensity model(Sirius-60) with an UV-A intensity of 6,000 μ W/cm² or Sirius-45A(for aerospace) with an UV-A intensity of 4,500 μ W/cm² at 15 inches (38 cm),and almost no visible light..
- Compliant with conformation to EMC and IEC810. CE certification and FCC certification. Compliant with **ASTM E1417,ASTM E1444, ASTM E3022**,etc.
- First choice for fluorescent inspection,leaking test ,biological polymerization, Oil detection and curing testing.

4 Specifications

| Name | Technical Data |
|------------------|-----------------------------------|
| LED Source | 4*UV-A LED,1*White light LED |
| Spectrum | 365-370nm |
| Visible light | < 5Lux |
| Coverage area | 250*250mm |
| Weight | 1.09kg |
| Power supply | AC 110V-240V/50Hz/single phase |
| Working voltage: | DC 12V |
| Power | UV-A LED 12W , White light LED 3W |

5 Application

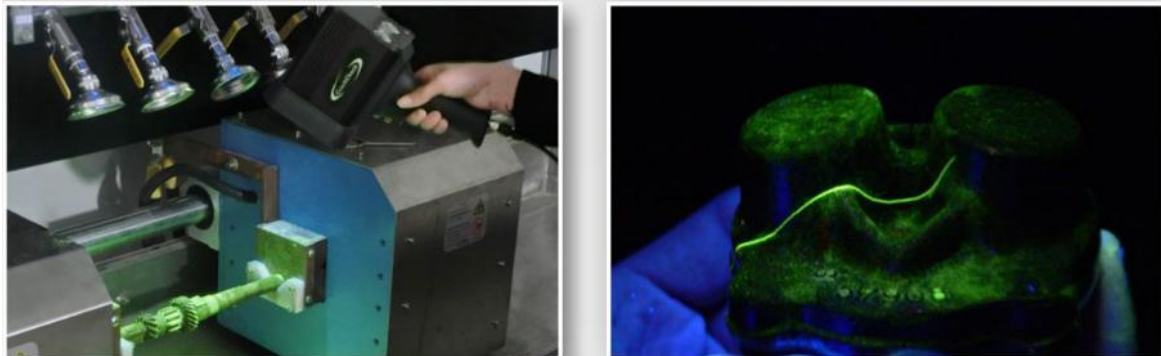
First choice for fluorescent inspection (MPI, FPI), leaking test, criminal investigation and many other fields. This UV LED lamp is intended for handheld use or hung by a hook or mounted on a stick.

◆ Lamp Holder



This UV LED lamp is intended for handheld use or hung by a hook or mounted on a stick.

◆ Application examples



6 Lamp kit:

- Handheld LED UV Lamp: 1 piece
- AC power cord: 1 piece
- UV block goggles: 1 set

7Compliance

- Airbus AITM6-1001
- ASTM E2297
- ASTM E3022
- ASTM E1444
- ASTM E1417
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