

Portable type Black-Light Super-Light D-10C

Super-Light D-10B is remodeled as Super-Light D-10C!

Best Solution for Fluorescent NDT applications and Contamination Check!

Super-Light D-10C is an effective light source for checking of fibriform rags, organic matters, oil, skin-flakes, etc. which generate fluorescence.

D-10C irradiates long wave ultraviolet radiation, with the combination of 70W metal halide lamp and special UV transmission filter effectively (UV-A:365nm at the center, so called "black-light").



- RED : Earth
- BLACK : Power line
- WHITE : Power line

Features

- **Compact and Light weight**
The lamp weighs only 500g. D-10C will lighten your burden in the long operation.
- **Visible light irradiation**
A visible spot light is also equipped to provide you the convenience in performing visual check of the object under the visible light.
- **High intensity UV**
6,000 μ W/cm² or more UV intensity is obtained at 381mm off the filter.
- **Halation eliminated (US PAT. 6.525.315)**
New UV transmission filter eliminates the obstacle visible light for observation (D-10C·2).
- **Easy replacement of power plug**
Any type of power plugs are applicable.

Modification

- AC power outlet removed.
- Power LED lamp added.
- Power cable plug removed.

Application

- Fluorescent Penetrant flaw detection and fluorescent magnetic particle detection.
- Check of contamination and adhesive materials in precision motors.
- Flux contamination check of electronic boards.
- Contamination check in LCD panels.
- Oil leak check of hydraulic devices, tanks and pipes etc.
- Contamination check of kitchen, tableware and cooking utensils.
- Contamination check of anyone who enters a clean room.

Specification

	D-10C-1	D-10C-2
Halation eliminate filter (composition)	Non (UV + protection filter)	Equipped (UV + coated protection filter)
UV intensity (initial value) At 381mm from filter	> 6,000 μ W/cm ²	> 5,600 μ W/cm ²
Power	AC 200/240V \pm 10% · 50/60Hz, 90VA	
Lamp	70W metal halide lamp	
Dimension/weight	Lamp body : ϕ 110 × 135Lmm × 230Lmm, about 500g Stabilizer case : 266W × 166D × 220Hmm, about 2.1kg	

Integrated supplier of Non-Destructive Testing and Marking

☞ All specifications and designing are subject to change without notice.



MARKTEC Corporation

Head Office 17-35, Omori Nishi 4-chome, Ota-ku, Tokyo 143-0015 Japan
Tel: +81-3-3762-4453 Fax: +81-3-3764-4337
URL: <http://www.marktec.co.jp/>

Service Center (East) Tel: +81-3-3765-1712 Fax: +81-3-3768-3958
(West) Tel: +81-6-4861-3700 Fax: +81-6-4861-3702
Narita Plant Tel: +81-476-49-3160 Fax: +81-476-49-3181