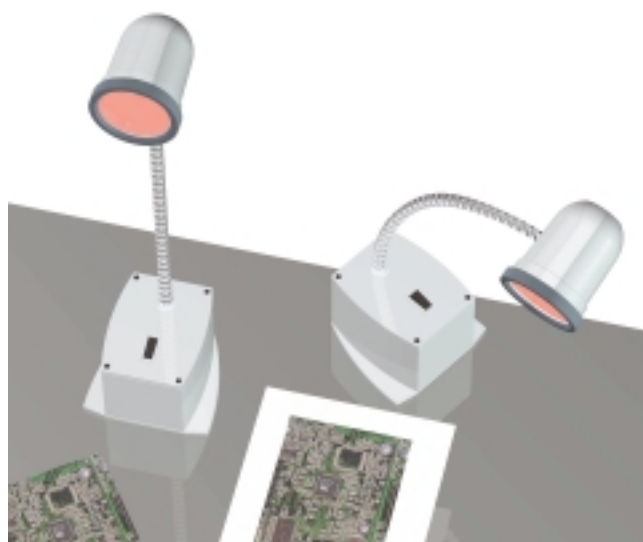


Optimum solution for contamination check

Bright-Luminer F-02 is useful for visual inspection of electronic parts and modules.

Some of textile fibers, organic substance, oil and skin-flake which may be contaminant emits fluorescence under the Black-Light, and they attract attention. These contaminants are slightly visible under white light with naked eyes or a low magnification microscope. Bright-Luminer F-02 which equips with a 20W metal halide lamp and a UV transmission filter (PAT.P.) radiates long-wave ultraviolet light (UV-A) efficiently, therefore, the lamp house will not be heated up.

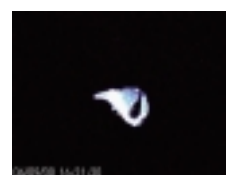


Features

- Small and light** • Does not obstruct the work on the desk.
- Clean designing** • Considered of outgassing and contaminant outbreak, and antistatic finished.
- AC outlet** • Controlled AC outlet is equipped for visible light switching.
- High intensity UV** • UV intensity is over $6,000\mu\text{W}/\text{cm}^2$ at the distance of 30cm from filter surface (at the vertical surface).

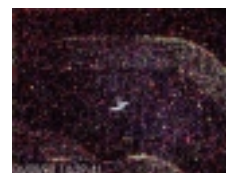
Applications

- Checking of adhesive sticking, contamination of micro-motor parts.
- Checking of adhesive run off during electronic parts assembling.
- Contamination check of assembled HDD and respective parts.
- Flux contamination check on PCB.
- Contamination check of LCD panel inside.
- As a versatile UV lamp for Biochemical laboratories.
- Checking of cookware and tableware contamination.

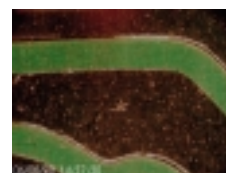


Example with $\times 25$ microscope

Epoxy resin sticking



Textile fiber dust (with UV light)



Textile fiber dust (with white light)

Specifications

- **Power requirement / consumption** : AC100V \pm 6%, 50 or 60 Hz / 24W
- **Lamp** : 20W metal halide lamp
- **Dimension /weight** : 100W \times 150D \times 550H mm / about 3Kgs