

DE-315 Wood's Lamp

User Manual



The following directions for use will enable you to familiarize yourself with the device. Please review them carefully!

Parameter

Dimension: 240mm*100mm*34mm(L*W*H)

Lens Diameter: $\Phi 50\text{mm} \pm 20\%$

Light Source: UV light and blue light

Ultraviolet Wavelength: 365nm/405nm

Radiation Intensity: UVA:1.5~10.0mW/cm²

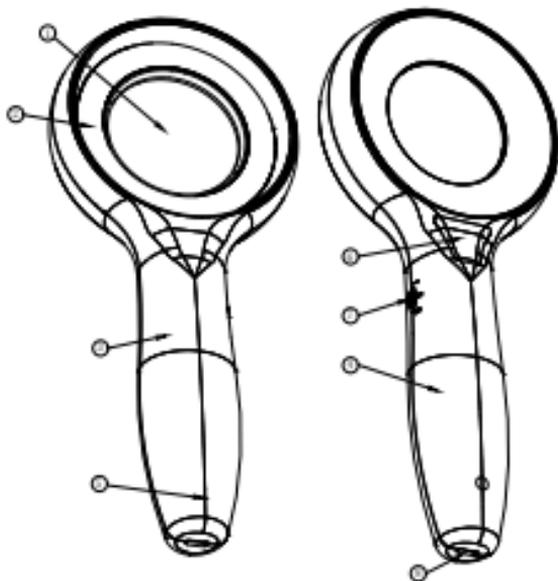
Battery Capacity: 2000mAh

Charging Mode: Type-C/5V1A

Working Time: 2-6 hours

Construction

- | | | |
|---------------|--------------|-----------------|
| ① 4.5x lens | ④ rear cover | ⑦ 365nm/405nm |
| ② led light | ⑤ indicator | light switch |
| ③ front cover | ⑥ logo | ⑧ USB connector |



Function

DE-315 combines 365nm UV light and 405nm blue light. The wood's lamp can diagnose a variety of skin diseases through special color fluorescence. Such as vitiligo, tinea versicolor, porphyrin metabolic disorders, bacterial skin diseases and some skin tumors.

Application

As a dermatology clinical application detection means, the woods lamp has been widely used in many fungal inflection cases, such as: acne, tinea capitis, tinea whitens, tinea versicolor, tinea red, axillary Trichoderma. And some pigmented lesions such as chloasma, senile spot, coffee spot, neurofibroma, skin tumor.

How to Use

(1) Finding a suitable detection place: Woods lamp must be operated in a dimly lit environment. The observation effect and application value will be greatly weakened or lost by natural light and room light.

(2) Removing distraction: Try to avoid any reflective or fluorescent objects around, and remove the cotton wool and fibers left on the skin of the inspection site.

(3) Preparation before inspection: To ensure a stable and continuous light output, woods lamp should be preheated for 1 minute before use, so as to achieve satisfactory fluorescence imaging effect. The examiner is also required to spend one minute in a dark room to adjust to the dark environment and detect pathological fluorescence.

(4) Inspection distance: The working distance between wood lamp and skin lesions to be observed shall be about 10cm, based on a clear fluorescent image of skin lesions under wood lamps. The wood lamp will produce dark spot in the center of the observation area if put too close, and the fluorescent image is not clear if leave too far away.

* Generally: Patients do not need local skin cleansing before woods lamp examination, so as not to affect observation and judgment.

When examining the face, patients should close their eyes and avoid looking directly at light source.

 Charge the instrument fully before first use.

Warning

▲ Do not use in damp, flammable and explosive environment.

▲ Do not look directly at light source for a long time.

▲ The continuous irradiation time of a specific area should not exceed 1 minute.

▲ Keep it out of reach of infants and young children.

▲ Do not let the product be subjected to strong impact or vibration.

▲ Do not transform and repair at will.

Warranty

2 years product warranty is guaranteed from the date of delivery, and the manufacture is responsible for free repair of equipment failure within warranty.

However, the following failure are not covered by quality warranty:

- (1) Unauthorized disassembling or refitting of the product;
- (2) Accidentally fall during use or handling process;
- (3) Unreasonable maintenance;
- (4) Not following correct operations in the manual.

Scope of Delivery

The set consists of Woods Lamp, USB cable, clean cloth and user manual.

Disposal Instructions



The device may not be disposed of as domestic waste. Dispose of the device in a waste facility that accepts electronics/electrical appliances.