

DE-500 DERMATOSCOPE

User Manual



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

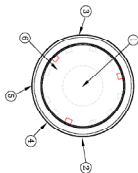
Intended Use

The device is an internally powered medical microscope for skin lesions diagnosis. It can be used for both contact and non-contact skin examination with its particularly lighting system.

The universal lens mount helps connect dermatoscope with smartphone or tablet to capture and display images.

Product Overview

- ① Back Contact Ring
- ② On/Off/Function Mode
- ③ Brightness Control
- ④ Battery Indicator
- ⑤ Charging Connector
- ⑥ Contact Plate



Scope of Delivery

The set consists of the dermatoscope with universal lens mount, metal dual lens mount, USB-C cable, carry case, clean cloth and a user manual.

Technical Data

| | |
|------------------|---|
| Material | Aluminum & Glass |
| Optical Design | All glass, 4 elements 3 groups, anti-reflection coating |
| Lens Diameter | 25mm(front); 15mm(rear); |
| Magnification | 10X |
| Distortion | 5% |
| Working Time | 60 minutes |
| Polarization | 16 LEDs, 8 polarization, 4 non polarization, 4 365nm UV light |
| Resolution | 300 LP/MM (Axis) 280 LP/MM (Edge) |
| LED Type | SMD LED beads |
| Battery Capacity | 230mAh Lithium ion |

 charge the instrument fully before first use

Operation

To switch on the illumination, press the button (②, ③) on the instrument. The device starts with white polarized mode.

● On/Off

Push on/off button one second to turn on the dermatoscope. Long press 3 seconds to turn off the dermatoscope

● **Function Mode**

The default mode is polarized light illumination when turn on, press again to switch to non polarized mode, press one more time to Wood's Lamp(UV) mode. Circulating.

● **Brightness control**

Press brightness control ③ to change brightness. There's 3 levels of brightness in each mode.

Warranty

The device is maintenance free. The expected life cycle amounts with designated use and the observation of warning and safety information as well as the maintenance instructions up to 2 years.

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.

Symbols Meaning



Medical Device



Manufacturer's CE
declaration



Do not stare at light source!



Manufacturer



Medical Electrical Equipment



Item No.



Read the recommendation
manual



Batch Code



Type BF applied part



Class I equipment



Keep dry!



Disposal instructions

Manufacture Information

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Warning

- ▶ Check the correct operation of the device before use! Do not use the device if there are visible signs of damage or the light begins to flash.
- ▶ Do not use the device in fire- or explosive risk area (e.g. oxygen saturated or anaesthetic environments).
- ▶ This product is not allowed to be entered or used in strong magnetic fields like MRI scanners.
- ▶ Do not modify the device.
- ▶ Use only original accessories and power sources.
- ▶ Do not look directly into the light source to avoid dazzle from the intense light.
- ▶ The dermatoscopes are not suitable for eye examination.