

DE-400 DERMATOSCOPE

User Manual



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

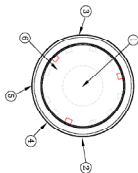
Intended Use

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 Universal Lens Mount
- ② On/Off/Polarized/Non-Polarized
- ③ Polarized Light Indicator
- 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 | 45mm(front); 15mm(rear) |
| Magnification | 10X |
| Distortion | 5% |
| Working Time | 60 minutes |
| Polarization | 15 LEDs, 10 polarization, 5 non polarization |
| Resolution | 300 LP/MM (Axis) 250 LP/MM (Edge) |
| LED Type | SMD LED beads |
| Battery Capacity | 230mAh Lithium ion |

charge the instrument fully before first use.



Warning: Use a charger with a power output of 30W or less.

Operation

This dermatoscope should be worked together with smartphone or tablet. Connect lens mount with smartphone, and screw dermatoscope on phone's main camera.

● On/Off

Push on/off button one second to turn on the dermatoscope.

● **Polarized/Non-polarized Mode**

The default mode is polarized light illumination when turn on, polarized light indicator(orange light) turn on. Push on/off button again to switch to non-polarized mode, polarized light indicator turn off. Circulating.

Maintenance

Prior to cleaning and disinfecting, switch off the device. The integrated Battery Health Management System requires maintaining at least 40% charge capacity when stored. Failure to comply may void the battery.

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.