

DE-3100 PRO DERMATOSCOPE

User Manual



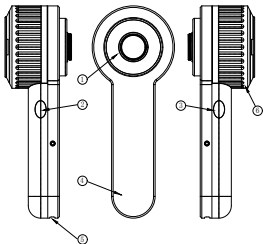
The following directions for use will enable you to familiarize yourself with the device. Please review them carefully!

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 accessory phone adapter helps connect dermatoscope with smartphone to capture and display images. The device should be operated by qualified dermatologist or conducted based on a professional doctor’s recommendation.

Product Overview

- ① Magnet Attachment
- ② On/Off/Polarized Light Switch
- ③ Non-polarized Light Switch
- ④ Battery Indicator
- ⑤ Charging Connector
- ⑥ Focusing Ring



Scope of Delivery

The set consists of the dermatoscope with magnet attachment, phone adapter, USB cable, carry case and a user manual.

Technical Data

Material	Aluminum & Glass
Optical Design	All glass, 4 elements 3 groups, anti-reflection coating

Lens Diameter	32mm(front); 25mm(rear)
Magnification	10X
Distortion	5%
Polarization	16 LEDs, 8 polarization, 4 non polarization, 4 365nm UV light
Resolution	300 LP/MM (Axis) 250 LP/MM (Edge)
LED Type	SMD LED beads
Battery Capacity	1000mAh Lithium ion
Charging	USB-C
Working Time	6-8 hours



Charge the instrument fully before first use.

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

Operation

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

● On/Off

Press on/off button ② to turn on the instrument, long press 3 seconds to turn off the instrument. The instrument will automatically turn off if there's no operation in 3 minutes.

● Function Mode

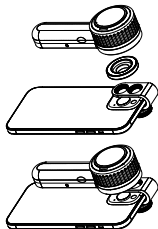
The default mode is polarized light illumination when turn on, press again to switch to non polarized mode. Circulating. Press button ③ to turn on the 365nm UV/Woods light mode.

● Adjust Focus

Rotating the focus ring until you see a clear view.

Smartphone Connector

- (1) Place phone adapter screw in the center of smartphone's main camera.
- (2) Screw magnet attachment on phone adapter.
- (3) Put dermatoscope's back ring and magnet attachment together.



Cleaning & Maintenance

Prior to cleaning and disinfecting, switch off the device.

Wipe the contact plate with cloth or dip ethyl alcohol to clean. Do not use aggressive or solvent-based cleaners. These affect the surfaces of the device.

Avoid any penetration of liquids during cleaning.

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 maintenance instructions up to 3 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.