

# IBOOLO DERMATOSCOPE BROCHURE



We want to leverage our expertise in optical fields, to create medical lenses that benefit humanity.



# **IBOOLO MEDICAL LENS**

We are founded in 2012, is one of the world's leading supplier of smartphone lens. We started and focused on making high-end phone lens for many years ...

But now we do more than that, we want to use our extensive experience and knowledge to make some high quality and affordable dermascope to meet the needs of more people and arouse people's attention to skin problems.



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Dermatoscope

Accessory

DE-4100

DE-3100

DE-500

DE-400

DE-300

DE-315

Comparison

Shot on Spot

Certificate

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# **DE-4100 DERMATOSCOPE**

The DE-4100 dermatoscope is for dermatologists who demand to diagnose skin lesions by eyes, but also want a lightweight device they can take anywhere and use for taking high-quality skin photos.



## DE-4100 PRO DERMATOSCOPE

An enhanced version of the DE-4100. This device adds 4 365nm UV LED lights for UV dermoscopic examination.



# DE-3100 DERMATOSCOPE

The DE-3100 Dermatoscope is designed for skin lesion diagnosis. It's a handheld dermatoscope, but it contains a universal phone connection kit to connect with any smartphone to capture images.



# DE-3100 PRO DERMATOSCOPE

An enhanced version of the DE-3100. This device changed the original amber LED lights to 4 365nm UV LED lights for UV dermoscopic examination.



## DE-500 DERMATOSCOPE

The most useful pocket dermatoscope. This device adds 4 365nm UV LED lights for UV dermoscopic examination. Furthermore, The DE-500 upgraded the polarization light.



## **DE-400 DERMATOSCOPE**

The DE-400 Dermatoscope is a 10 times smartphone dermatoscope, this device is used for early diagnosis of malignant melanoma and other dermatological examinations.



### DE-300 DERMATOSCOPE

The DE-300 Dermatoscope is a 6 times smartphone dermatoscope, this device is used for early diagnosis of malignant melanoma and other dermatological examinations.



## DE-315 WOODS LAMP

The DE-315 Woods Lamp is designed for fungal infection and skin pigmentation detection. The device has 10 365 nm UV and 10 405nm UV LED lights for UV dermoscopic examination.



# DE-215 WOODS LAMP

The DE-215 Woods Lamp is designed for fungal infection and skin pigmentation detection. The device has 5 365 nm UV and 15 white LED lights for UV dermoscopic examination.



**PHONE ADAPTER** 

It's universal and able to connect with any smartphone to capture images.



# **CAMERA ADAPTER**

The dermatoscope is able to attach camera with the help of a magnetic ring.



# **SMALL CONTACT PLATE**

It can be used to detect difficulty access pigmented lesions, such as nails and narrow areas.



# **PHONE COVER**

It can mount your dermatoscope and take pictures more conveniently.



# DISPOSABLE PROTECTOR

Disposable infection protective cover for DE-3100 or DE-4100.



# **BACK UP BATTERY**

Replacement battery for DE-4100 dermatoscope.

# Portable DE-4100 Dermatoscope

With magnet snap on and off, the dermatoscope can be installed on any smartphone in 5 seconds.

#### **Sharp & Precise**

Superior optical system (optimized for the latest iPhone). Minimize lens distortion to 5% better than any dermatoscope in its class.

Made from premium multi- coated and multi-element optics, the imaging performance is the best in the market.



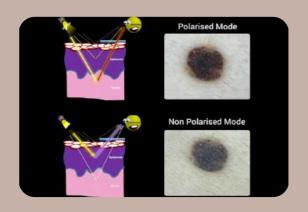
#### **See Deeper**

The polarized light can help to eliminate surface reflection and allow visualization of vascular structures. The instrument allows for visualization for deeper skin structures, such as blood vessels, collagen, and pigment in the dermis.

#### **Under Naked Eye**

Our dermoscopy is designed to support you in this endeavor - enhance a doctor's view of the skin as much as possible.

Dermatoscopes are handy tools for spotting skin cancer, but also help check out common skin issues in daily practice.







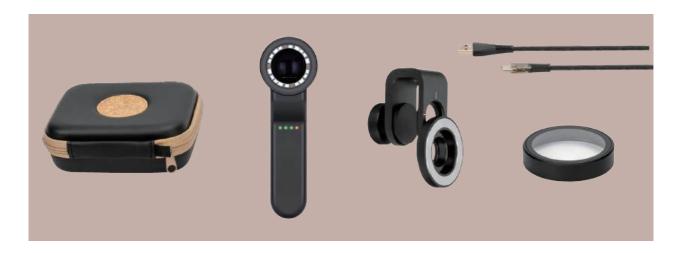






# **Technical Information**

Model	DE-4100
Material	Aluminum & Glass
Optical Design	All glass, 4 elements 3 groups, anti-reflection coating
Lens Diameter	40mm(front); 32mm(rear)
Magnification	10X
Distortion	5%
Polarization	Non Polarization & Polarization & Amber 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
Focal Length	15-25mm



# What's in The Box

- O DE-4100 Dermatoscope
- Universal Phone Adapter
- Magnetic Ring
- USB-C Charging Cable
- Carrying Case
- O Clean Cloth
- O User Manual

### **DE-4100**



- same
- Polarized, Non Polarized, Amber
  - 10 times
  - 32mm
  - 1000mAh
  - skin lesion diagnosis
    - \$ \$ \$







## **DE-4100 PRO**



same

Polarized, Non Polarized, Amber, 365nm UV light

10 times

32<sub>mm</sub>

1000mAh

skin lesion, fungal infection and skin pigmentation detection













OPTICAL DESIGN

**MAGNIFICATION** 

**LENS DIAMETER** 

**BATTERY** 

**APPLICATION** 

LIGHTING SYSTERM

# Handheld High Quality DE-3100 Dermatoscope

The DE-3100 dermatoscope is a medical microscope designed for skin lesion diagnosis. It's a handheld dermatoscope, but it contains a universal phone adapter meaning convenient to connect with any smartphone or tablet to capture images. Build with 4K resolution optics, 10X magnification and 30mm wide field of view — the DE-3100 is perhaps the most super value dermatoscope we've ever seen.





# **Pro-Level Features**

Superior optical system (optimized for the latest iPhone). Minimize lens distortion to 5%, better than any dermatoscope in its class.

Excellent colour rendering.

The polarized light can help to eliminate surface reflection and allow visualization of vascular structures. The instrument allows for visualization for deeper skin structures, such as blood vessels, collagen, and pigment in the dermis.

Able to attach on smartphone's camera to capture skin lesion images.



# **Technical Information**







Focal Length

12-20mm

Model	DE-3100
Material	Aluminum & Glass
Optical Design	All glass, 4 elements 3 groups, anti-reflection coating
Lens Diameter	32mm(front); 25mm(rear)
Magnification	10X
Distortion	8%
Polarization	Non Polarization & Polarization & Amber 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



# What's in The Box

- O DE-3100 Dermatoscope
- Universal Phone Adapter
- Magnetic Ring
- O USB-C Charging Cable
- Carrying Case
- O Clean Cloth
- User Manual

## **DE-3100**



- same
- Polarized, Non Polarized, Amber
  - 10 times
  - 30mm
  - 1000mAh
  - skin lesion diagnosis
    - (\$) (\$)







OPTICAL DESIGN

LIGHTING SYSTERM

MAGNIFICATION

**LENS DIAMETER** 

**BATTERY** 

COST

**APPLICATION** 





### **DE-3100 PRO**



same

Polarized, Non Polarized, UV

10 times

30<sub>mm</sub>

1000mAh

skin lesion, fungal infection and skin pigmentation detection









# Smartphone DE-500 Dermatoscope





#### **Cross Polarization**

The polarized light can help to eliminate surface reflection and allow visualization of vascular structures. The instrument allows for visualization for deeper skin structures, such as blood vessels, collagen, and pigment in the dermis.



# **Technical Information**



Model	DE-500
Material	Aluminum & Glass
Optical Design	All glass, 4 elements 3 groups, anti-reflection coating
Lens Diameter	25mm(front); 15mm(rear)
Magnification	10X
Distortion	5%
Polarization	Non Polarization & Polarization & UV Light
Resolution	300 LP/MM(Axis) 250 LP/MM(Edge)
LED Type	SMD LED beads
<b>Battery Capacity</b>	200mAh Lithium ion
Charging	USB-C
Working Time	60 minutes
Focal Length	25-30mm



# What's in The Box

- O DE-500 Dermatoscope
- Universal Magnetic Lens Clip
- USB-C Charging Cable
- Carrying Case
- Clean Cloth
- User Manual

# Smartphone Polarized DE-400 Dermatoscope

The DE-400 is a smartphone dermatoscope. It contains a universal phone adapter meaning convenient to connect with any smartphone or tablet to capture images.

With its specialized polarized and non-polarized light system, it allows for clearer, more precise, and detailed examination of the colors, shapes, and textures of skin lesions.











# **Technical Information**

DE-400 Model

Aluminum & Glass Material

Optical Design All glass, 4 elements 3 groups, anti-reflection coating

Lens Diameter 46mm(front); 17mm(rear)

10X Magnification

8%

Resolution

Working Time

Polarization Non Polarization & Polarization

300 LP/MM(Axis) 250 LP/MM(Edge)

LED Type SMD LED beads

**Battery Capacity** 200mAh Lithium ion

> Charging USB-C

> > 60 minutes

Focal Length

12-15mm



# What's in The Box

- O DE-400 Dermatoscope
- O Universal Lens Clip
- Metal Lens Clip
- O USB-C Charging Cable
- Carrying Case
- O Clean Cloth
- User Manual

# Universal Smartphone DE-300 Dermatoscope

The DE-300 is a smartphone dermatoscope. It contains a universal phone adapter meaning convenient to connect with any smartphone or tablet to capture images.

With its specialized polarized and non-polarized light system, it allows for clearer, more precise, and detailed examination of the colors, shapes, and textures of skin lesions.





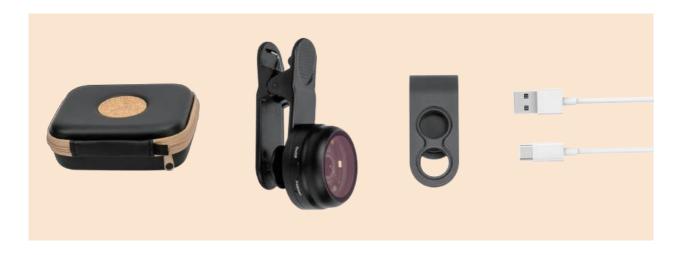
# **Technical Information**







Model	DE-300
Material	Aluminum & Glass
Optical Design	All glass, 4 elements 3 groups, anti-reflection coating
Lens Diameter	30mm(front); 17mm(rear)
Magnification	6X
Distortion	8%
Polarization	Non Polarization & Polarization
Resolution	300 LP/MM(Axis) 250 LP/MM(Edge)
LED Type	SMD LED beads
<b>Battery Capacity</b>	200mAh Lithium ion
Charging	USB-C
Working Time	90 minutes
Focal Length	12-15mm



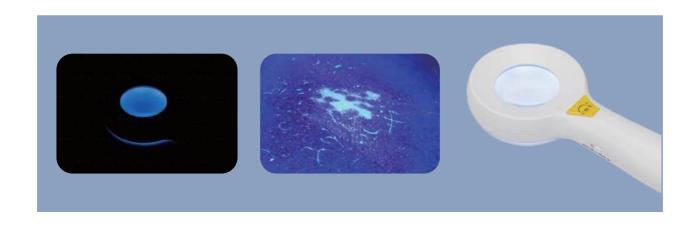
# What's in The Box

- O DE-300 Dermatoscope
- Universal Lens Clip
- Metal Lens Clip
- O USB-C Charging Cable
- Carrying Case
- O Clean Cloth
- User Manual

# Dermatology UV 365nm & 405nm DE-315 Woods Lamp

A Wood's lamp is an instrument that uses transillumination (light) to detect bacterial or fungal skin infections. It can also detect skin pigment disorders such as vitiligo and other skin irregularities.

The DE-315 Woods Lamp is designed for fungal infection and skin pigmentation detection. The device has 10 365 nm UV and 10 405nm UV LED lights for UV dermoscopic examination.





# **Pro-Level Features**

Superior optical system. The 50mm lens diameter design make sure there's no unnecessary corners and gaps to catch hair or scales in. 4.5 times Magnification and minimize lens distortion to 5%.

405nm UV Light:Fluorescence Excitation.

365nm UV Light:A Wood's lamp has broadband light sources that emit light at wavelengths between 320nm and 400nm, with a peak at 365nm.

2000mAh Battery: Offering up to 6 hours long time and stable diagnosis.









# **Technical Information**

Model DE-315

Material Plastic & Glass

Optical Design All glass, 1 element 1 group, anti-reflection coating

Lens Diameter 50mm(front); 50mm(rear)

Magnification 4.5X

Distortion

5%

Ultraviolet Wave 10 LEDs 365nm UV, 10 LEDs 405nm UV

Resolution 300 LP/MM(Axis) 250 LP/MM(Edge)

LED Type SMD LED beads

Battery Capacity 2000mAh Lithium ion

Charging USB-C

Working Time 6-8 hours

Distance 15-30cm



# What's in The Box

- O DE-315 Woods Lamp
- O Fabric Shade
- O USB-C Charging Cable
- O Clean Cloth
- O User Manual

### **DE-215**



- OPTICAL DESIGN
- ULTRA VIOLET
- LEDS
- MAGNIFICATION
- LENS DIAMETER
- BATTERY
- APPLICATION
- COST

#### same

365nm

5 365nm UV, 15 white light

4.5 times

50mm

2000mAh

skin bacterial,fungal infection and pigmentation detection



### **DE-315**



same

365nm & 405nm

10 365nm UV, 10 405nm UV

4.5 times

50mm

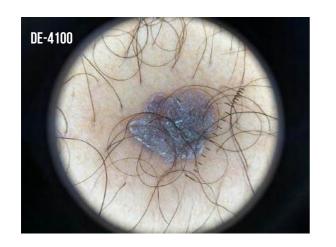
2000mAh

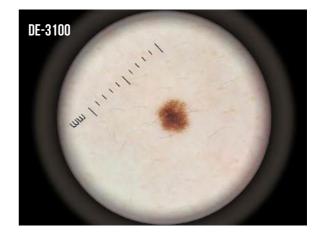
skin bacterial,fungal infection and pigmentation detection

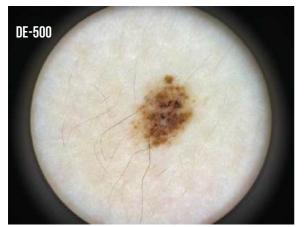


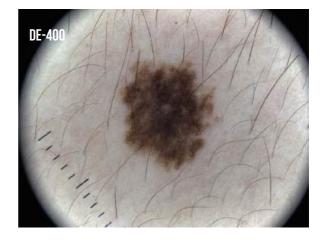
#### DE-500 **DE-4100** DE-3100 **DE-400** 4 elements 3 groups OPTICAL DESIGN 4 elements 3 groups 4 elements 3 groups 4 elements 3 groups **LENS DIAMETER** 48mm/32mm 32mm/25mm 25mm/17mm 46mm/17mm 10 times MAGNIFICATION 10 times 10 times 10 times 22 LEDs, polarise, non 30 LEDs, polarise, non 16 LEDs, polarise, non 12 LEDs, polarization, LIGHTING SYSTERM polarise, amber light polarise, amber light polarise, UV light non polarization **BATTERY** 1000mAh 1000mAh 200mAh 200mAh naked eye, phone, naked eye, phone, smartphone & tablet smartphone & tablet CONNECTABILITY tablet, digital camera tablet, digital camera brightness non adjustable focus & brightness focus **ADJUSTABLE** (\$) (\$) (\$) (\$) COST

# **SHOT ON SPOT**









# **CERTIFICATE**

Medright



MEDRIGHT TECH INC 6302 FORT HAMILTON PARKWAY 1R. BROOKLYN, NY 11219 Our Ref: 251521 Our Ref: 25:521 SHZ7NEHN IBOOLO OPTICS CO.,LTD. Room-606, 81 building, mingpou purchasing center, Xiviang street, Bao'an district Sherothen, Guangdong, 518:022, CHINA Valid from October 1, 2024 to December 31, 2025 FDA Registration Confirmation Thank you for appointing MEDRIGHT TECH INC as your U.S. Agent, we hereby state that we accept the appointment to be the U.S. Agent for your products, and we have completed the registration activation confirmation for the FDA Establishment Registration and Device Listing with the US Food & Drug Administration for the Fiscal Year 2025 of SHEZNEHN IBOOLO OPTICS CO.,LTD. Room 406, 81 building, mingyou purchasing center, Xixiang street, Bac Shenchen, Guangdong, \$18102, CHINA Listing No. Product code: Product name:
D565517 RT LIGHT, EXAMINATION, MEDICAL, BATTERY POWERED. Please inform us of any changes to:

the company information additional generic groups of devices or additional devices discontinuation of a generic group of devices or devices We strongly recommend you to contact us via email If you have any queries regarding regulation, please do not hesitate to contact us 6-4MEDICAL DEVICES QUALITY
MANAGEMENT SYSTEM CERTIFICATE

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# **CONTACT US**

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To offer innovative

& affordable dermascopes.

IBOOLO
DERMATOSCOPE
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