

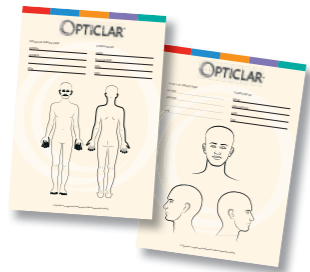
Body Mapping Accessories

The following accessories are available from your medical equipment supplier / Opticlar stockist and are valuable tools in performing Dermoscopy examinations:

Body Map Pads

Opticlar Body Map Pads are double sided A5 sheets that allow notations to be made and the sites of lesions marked accurately. Each sheet includes gender neutral diagrams of the front and rear view of the body as well as close up front and side views of the head. Includes space for patient details, practitioner information and examination date. 100 pages per pad.

Code: 100.000.200/12



Skin Marking Pens

For the temporary marking of the skin and suspect sites when body mapping. Helps avoid missed sites when documenting.

Code: 1437-10 Pack of 10

Code: 1437-50 Pack of 50

Code: 1437-100 Pack of 100



Photo-Dermoscopy with Opticlar D-Scope

The Opticlar D-Scope can be attached to a compact digital camera or digital SLR camera for accurate documentation and image storage of suspect melanoma / lesions. Your Opticlar D-Scope comes supplied with a black spacing ring that can be fitted between the focusing ring and instrument body to provide the correct focal length for camera attachment. The following adaptors can be purchased through your medical equipment supplier and provide a secure connection between the D-Scope and your choice of camera. Please call 01202 601177 for further advice and assistance.

100.000.200/10	Compact digital camera attachment
100.000.200/15	Canon SLR attachment
100.000.200/20	Nikon SLR attachment
100.000.200/30	Olympus SLR attachment
100.000.200/6	Head to handle extension lead for Photo-Dermoscopy and for using the D-Scope in hard to reach areas.

Care and Maintenance

The Opticlar D-Scope Dermatoscope requires no routine maintenance. All external surfaces can be cleaned using a damp cloth or suitable surface disinfectant, for example:

- Alcohol / Isopropyl based wipes
- Sanicloth disinfectant wipes
- Actichlor, at a ratio of 1000ppm (0.1%) or 10,000ppm (1%) following blood contamination etc.

The instrument must not be immersed in disinfectant solutions. Viewing windows and lenses must be dried following cleaning, using a lint-free cloth or Q-tip in a circular motion.

Storage

When not in use for extended periods, the batteries should be removed and the D-Scope stored in a dry, safe location. Avoid excessive hot or cold temperatures and dusty environments.

Replacing LED's

Opticlar LEDs are guaranteed against failure for a period of 10 years from date of purchase. Should an LED fail, your D-Scope will need to be returned to your local Opticlar service agent for repair.

Warranty

Your Opticlar D-Scope is guaranteed for a period of 2 years from date of purchase. Register your new purchase by emailing: OPTICLAR@albertwaeschle.com and we will automatically upgrade your 2 year warranty to 5 years, free of charge. In addition all Opticlar LEDs are guaranteed for 10 years.

Should you experience any problem with your Opticlar instrument please return it to your original supplier who will arrange for repair by an authorised service agent.



UNPACK



READ BEFORE USE



ONLINE



CAUTION

OPTICLAR

VISIONMED

LED

YOUR OPTICLAR DEALER IS:

OPTICLAR is a brand and trademark owned and manufactured exclusively for Albert Waeschle Ltd, one of the UK's oldest medical and surgical wholesaler's and the OPTICLAR range is available through the medical and surgical trade.



Albert Waeschle LTD

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Tel: 01202 601177 Fax: 01202 650022



Manufactured in Republic of China by Zumax Medical. The manufacturing partner of Albert Waeschle Ltd.

Zumax Medical Co Ltd. 36 Zhiying Street, Suzhou New District, Suzhou, Jiangsu 215129. Republic Of China

Applicable Standards: CE - complies with European medical devices directive 93/42/EEC. DIN EN ISO 7376. Complying with EN60601-1, EN60601-1-2

Electrical Compliance: Complying with EN60601-1, EN60601-1-2 Protection Class I  - Internal Electrical Power Source

Statutory Regulations: In accordance with local regulations this product should be disposed of as an electronic device separately. Applied part BF.

WEEE producer: Albert Waeschle Ltd. WEEE reg no. wee/dk0067tx

Do not open the instrument, power supply or battery handle in the vicinity of the patient

OPTICLAR

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LED



D-Scope Dermatoscope



OPTICLAR VisionMed D-Scope Dermatoscope

Instructions for Use

Congratulations on the purchase of your new OPTICLAR D-Scope Dermatoscope.

OPTICLAR instruments are designed and manufactured to the highest standards and utilise the latest advances in miniaturised optics to provide you, the medical professional with the best possible performance from your diagnostic instruments.

Here are some of the features included in your new OPTICLAR D-Scope Dermatoscope:

- **LED illumination source** – superior, brighter, homogenous illumination from 4 LED's providing true tissue tones and excellent colour-rendering.
- **Economical** – incredible LED bulb life of more than 10,000 hours.
- **Multi-Voltage Illumination** – suitable for use with battery, rechargeable and wall units regardless of the voltage output.
- **10x Magnification** – with rotary adjustment providing perfect focus for every examination.
- **50/50 Switchable LED's** – by simply pushing the front mounted button, 2 of the LED's are switched off for improved depth perception at the site of examination.
- **Polarisation and Immersion Setting** – turn the contact plate to switch between polarisation (non-immersion) and immersion Dermoscopy in an instant.
- **Optional Single-Use Contact Plate** – for examinations that present a risk of cross-contamination.
- **Standard or X/Y Measuring Graticules** – a choice of 2 measuring contact plates are available.
- **Robust** – metal and impact resistant plastics are used to further reduce risk of accidental damage.

Before you begin

Carefully unpack your new Opticlar instrument and take a few minutes to familiarise yourself with the features and components of the set.

WARNING: Do not use in the presence of flammable gases. Do not immerse in fluids. Use only with an approved OPTICLAR power source.

Selecting a Power Supply

The Opticlar D-Scope is designed for use with the Opticlar Adapt handle or E handle power supply systems and Opticlar wall units. Please refer to the instructions included with your power supply system before using your Dermatoscope for the first time.

The full range of Opticlar power supply systems can be purchased separately through your local medical supplier. Please call 01202 601177 for details of your nearest Opticlar stockist.

Operating your Opticlar D-Scope

Opticlar D-Scope is designed for performing examinations of the epidermis at the site of skin lesions and suspected melanoma. By utilising a powerful light source and strong magnification the Opticlar D-Scope contact Dermatoscope gives the practitioner an in-depth view of the suspect lesion, to determine changes that can be early warning signs of melanoma. Routine use of the Dermatoscope can help detect skin cancers in the early stages and is an invaluable screening tool for primary and secondary care use.

Before you begin, make sure the D-scope along with the required contact plates and immersion medium are to hand. Turn on the D-Scope and check that your Opticlar power source is charged / functioning and set to the desired illumination level. We recommend the use of the Opticlar Body Map charts to accurately note the precise location of suspect skin lesions for future reference.

Place the chosen contact plate over the examination site and look through the rear viewing lens. Adjust the image by turning the focusing ring around the viewing lens until the image is sharp and clear. The focusing ring provides a wide range of adjustment ensuring a sharply focused image is always achieved. Using either the polarisation setting (no contact medium required) or immersion setting (contact medium required between contact plate and skin) the examination can now be performed. Once the examination is complete the contact plate should be removed for cleaning and reprocessing or disposal in clinical waste if using the single-use contact plate system.

50/50 Switchable LEDs

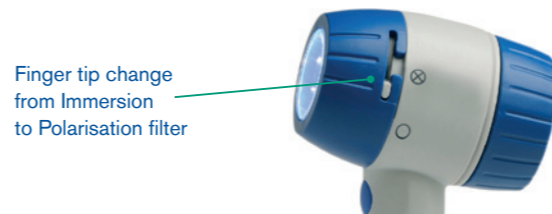
By pushing the front mounted blue button, it is possible to turn off one side of the LED array, leaving the 2 remaining LEDs lit. By doing this, the light source is angled across the lesion, producing a shadow effect for raised lesions and improving perception of depth. This is helpful in determining the structure of the lesion.



Switch turns off 2 LEDs enhancing perception of depth and structure of lesion

Polarisation / Immersion Dermoscopy

The Opticlar D-Scope includes a unique system for switching between immersion and polarisation Dermoscopy. By simply turning the contact plate between the O (immersion) and X (polarisation) settings, the user can choose the most suitable method of examination, in an instant. By using the polarisation setting for initial screening, the practitioner can screen the patient for suspect lesions – the polarisation filters providing improved colour contrast to determine indicative changes to the lesion. For a more in-depth view, the practitioner can put a small amount of contact medium on the examination site (we recommend a neutral skin oil / baby oil for this purpose) and by switching to the immersion setting achieve a more in-depth view of structural changes to the lesion.



Changes and indicators to look for with your new D-Scope Dermatoscope

In the hands of a trained medical professional, the D-Scope is a highly useful tool for detecting changes to the Epidermis, which can be possible indicators of melanoma. There are several reported methods for determining and measuring risk-factors in Dermoscopy screening including the ABCD (Stolz) method, Menzies method and 7-point rule, details of which can easily be found online. Commonly they all look for the following changes / indicators for determining risk factors:

Colour / Pigmentation Changes

Changes and multiple white, red, light-brown (tan), dark-brown, blue-grey, and black colours and irregular colouring.

Border

Irregular border changes and abrupt ending of pigment patterns.

Assymetry

Changes in contour, colours, structures and size of the lesion.

Single Patient Use Contact Plate

The Opticlar D-Scope has the option to use a disposable contact plate, for situations where a communicable skin infection or disease is present. To use the disposable (single patient use) contact plate system you will need to purchase the disposable contact plate holder and a pack of single-use contact plates. The disposable contact plate receiver is marked with a 'D' for convenience and can be used for both polarisation and immersion dermoscopy. These can be ordered from your medical equipment supplier using the following codes:

100.000.200/4	Single-use patient plate holder
100.000.200/5	Single-use patient plate (available in packs of 10, 50, 100 or 500 pieces)

Optional Contact Plates Available

X/Y Graticule

Uniquely developed for the Opticlar D-Scope and supplied as standard in all sets. This twin axis measuring graticule is divided into 1mm segments and allows skin lesions to be measured in both the horizontal and vertical plains at the same time. Suitable for polarisation and immersion Dermoscopy.

Order code: 100.000.200/2

Simple Measuring Graticule

A straight 10mm measuring graticule with 1mm increments. Suitable for polarisation and immersion Dermoscopy.

Order code: 100.000.200/1

Inaccessible Lesion Plate

Raised profile contact plate to examine difficult to reach body regions, such as between fingers and toes and behind ears etc. Only suitable for immersion Dermoscopy.

Order code: 100.000.200/3

Removing and Changing Contact Plates

To remove your contact plate, turn to the central 'open' position between the polarisation and immersion settings and pull away from the body of the instrument to remove. To fit a contact plate simply align the plastic lug with the opening on the contact plate and push on.

