



Dino-Lite DermaScope



With the Dino-Lite DermaScope® a new generation of compact and affordable derma- toscopes has seen the light. These handy, easy-to-use USB digital microscopes can be quickly deployed and used to create sharp and clear photos and videos of a wide variety of skin problems without pain or long waiting times for the patient.

All Dino-Lite DermaScopes have a built-in adjustable polarizer that reduces the gloss effects of the skin. This allows better imaging of the skin layers, lesions and nevi. The Derma- Scope supports the use of water or oil, but this is not always necessary.

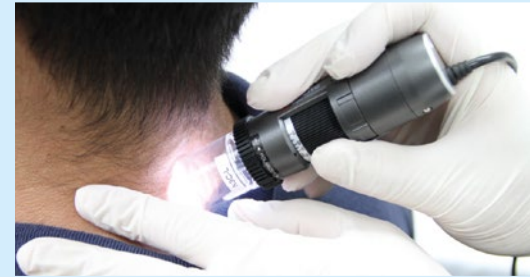
The Dino-Lite DermaScopes are available with different levels of magnification, the best-selling models have two different levels of magnification (about 20x to about 45x) without the need to change the distance to the skin. If the extra cap is used, it is also possible to take an image with a larger surface area with a magnification of approximately 10x.

Ideal for quick scan or screening

Due to these properties, the DermaScopes® are particularly suitable for rapid, detailed images of the skin, that can be stored, edited, or analysed. This allows the doctor or derma- tologist to work more efficiently and makes the DermaScopes ideal for quick scans, screening or pre-screening of potential patients.

Because of the speed of operation, simplicity in use and digital storage and sharing of images the Dino-Lite dermatoscopes are commonly used tools for teledermatology, a rapidly growing form of service which contributes to the necessary efficiency improvements in healthcare.

The Dino-Lite DermaScopes are definitely not just for medical professionals such as general practitioners or dermatologists, the ease of use and affordability also make the DermaScope a great tool for skin therapists or aesthetic professions. Obviously all DermaScopes are certified as medical devices under directive 93/42/EEC, modified 2007/47/ EC.



DermaScope Polarizer HR

The Dino-Lite Dermoscope Polarizer HR (MEDL7DW) has a 5 megapixel camera to capture sharper images with more detail, and features a built-in and fully adjustable polarization filter to greatly reduce the gloss effect of the skin.

The Dino-Lite DermaScope® Polarizer HR is suitable for any physician, dermatologist or skin specialist.



DermaScope Polarizer

The Dino-Lite Dermoscope Polarizer (MEDL4DW) has a 1.3 megapixel camera that can capture sharp images of the skin and features a built-in and fully adjustable polarization filter to greatly reduce the gloss effect of the skin.

The Dino-Lite DermaScope® Polarizer is suitable for any physician, dermatologist or skin specialist.



USB 2.0



MEASUREMENT
FUNCTIONALITY



ADJUSTABLE
~10-50x



MAGNIFICATION
LOCK



5 MEGAPIXEL
2592 x 1944



8 WHITE LEDs
SWITCHABLE



METAL
HOUSING



POLARIZER
ANTI-REFLECTION



MACROZOOM
FOV & DOF



EXCHANGEABLE
CAP



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MAGNIFICATION
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1.3 MEGAPIXEL
1280 x 1024



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EXCHANGEABLE
CAP

DermaScope Polarizer HR 200x

The Dino-Lite DermaScope Polarizer HR 200x (MEDL7DM) has a 5 megapixel camera and magnifications of 10 to 70x and around 200x. Also this model dermascope features a built-in and fully adjustable polarization filter to reduce the gloss effect of the skin.

In practice, this model is used for the analysis and interpretation of biopsies and other preparations, in short, more for laboratory research.



DermaScope Polarizer 200x

The Dino-Lite DermaScope Polarizer 200x (MEDL4DM) has a 1.3 megapixel camera and a magnification of 10 to 70x and 200x. Also this model dermascope features a built-in and fully adjustable polarization filter to reduce the gloss effect of the skin.

In practice, this model is used for the analysis and interpretation of biopsies and other preparations, in short, more for laboratory research.



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Dino-Lite WF-10 WiFi Streamer

Use your Dino-Lite digital microscope wirelessly with an iPad, iPhone, or other mobile device. The WF-10 WiFi Streamer allows Dino-Lite USB models to be used wirelessly in connection with an iOS (iPhone/iPad) or Android app on any tablet, smartphone, or computer.



In use

A general practitioner

A general practitioner in Baarn, The Netherlands is using several Dino-Lite models:

“My Dino-Lite EarScope provides beautiful images of the inside of the ear, I use it to inspect my patient’s tympanic membranes. I can even inspect my own eardrum by means of the EarScope.

Because the Dino-Lite microscopes are directly connected to the USB port of my PC, the pictures can immediately be checked on a large screen and shared with my patients, batteries are never dead, the light is always good. As the Dino-Lite microscopes are connected to my PC, I can store and share images easily and quickly. Pictures made with Dino-Lite can be stored in the Electronic Patient File simply by means of 3 mouse clicks. I can easily add pictures to my ‘library’ of skin affections.

In Baarn’s Meander Hospital there is a special policlinic for “suspect skin spots”, where the dermatologist can take a biopsy right on the first appointment, if alerted by the patient’s general practitioner.

A picture says more than many words; the emergency of a patient’s case can be judged very quickly. I am very fond of visualization.”

Tele dermatology

The Dutch health care institution Ksyos Tele Medical Center focuses on research, development and introduction of tele-consultation in the regular health care. Ksyos cooperates with over 3500 doctors and 2000 medical specialists and paramedics in tele-cardiology, tele-dermatology, tele-ophthalmology and tele-pulmonology.

Ksyos is offering the tele-dermatology service since early 2011. Physicians interested in using this service have the option of using of a Dino-Lite digital DermaScope, which is seen as a major incentive for starting tele-dermatology. Physicians currently using the Dino-Lite experience this equipment as versatile and very easy to use. The direct link to the PC is generally seen as one of the most important features. A general practitioner can use a secure web application to send dermatoscopic images to the dermatologist, including patient data and medical history.



Distance medicine with the Dino-Lite DermaScope

Albert van der Velde is a general practitioner in Haarlem, The Netherlands and has more than 2,200 patients in his practice. He is an early adopter when it comes to technology and has been working with the Dino-Lite DermaScope for quite some time.

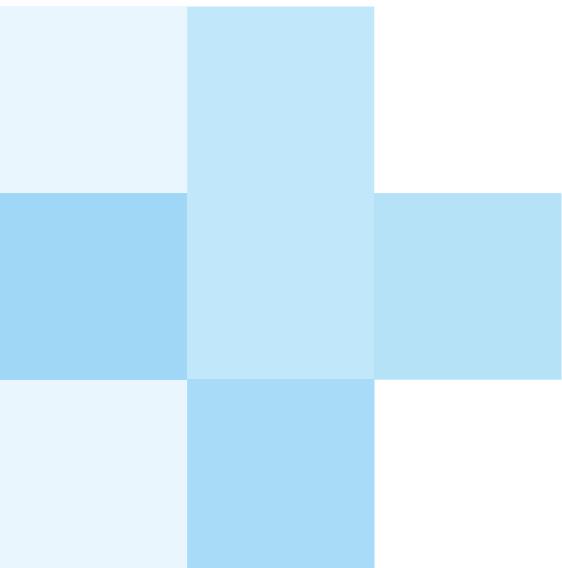
“Much to my pleasure and that of my patients”, says Van der Velde. “The DermaScope is compact and my patients can see on the screen what I see, which involves the patient in the diagnosis. The biggest advantage is of course the speed of working. I send my findings and photos to KSYOS (the teledermatology organisation) and I receive the results the next day.

There is a negative and a positive to this. If the result is positive, you can reassure the patient immediately by phone, but if there is something suspicious, the patient will visit the dermatologist the next day instead of having to wait in suspense for several weeks. In the end, either way it is better for the patient.”

Increasing expertise

Using the DermaScope does take some getting used to. Van der Velde: “Yes, I had to find a medium between skin and scope and have found water to work best. You need to maneuver the Dino-Lite to achieve optimal viewing, but you get the hang of it quite soon”.

For Van der Velde using the Dino-Lite Derma- Scope also means that he increases his expertise. “I have no ambition to be a dermatologist, but by seeing the images and getting the results back very soon, you learn something every time. You can say that the DermaScope has high added value, and most of all this benefits the patient.”



Dino-Lite medical products are
Medical Device Class 1 devices
According to Directive 93/42/EEC
modified 2007/47/EC

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Digital Microscope Medical

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