

**Dino-Lite**  
Digital Microscope **Medical**

Dino-Lite  
DermaScope®



# Dino-Lite DermaScope®

With the Dino-Lite DermaScope® a new generation of compact and affordable dermatoscopes 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 DermaScope® 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**

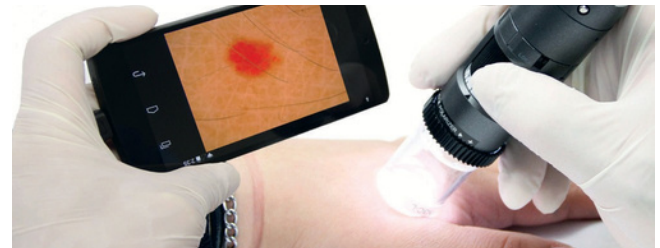
Due to these properties, the DermaScopes® are particularly suitable for rapid, detailed images of the skin, that can be stored, edited or analysed. This allows the doctor or dermatologist to work more

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 the Medical Devices Regulation (EU) 2017/745.



## Dino-Lite DermaScope®

### DermaScope Polarizer HR MEDL7DW

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.



usb 2.0



5 megapixel  
2592 x 1944



adjustable  
~10x - 50x



magnification  
lock



macrozoom  
fov & dof



8 white leds  
switchable



polarizer  
anti-reflection



metal  
housing



exchangeable  
caps

### DermaScope Polarizer MEDL4DW

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



1,3 megapixel  
1280 x 1024



adjustable  
~10x - 50x



magnification  
lock



macrozoom  
fov & dof



8 white leds  
switchable



polarizer  
anti-reflection



exchangeable  
caps

## Dino-Lite DermaScope®

### DermaScope Polarizer HR 200x MEDL7DM

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.



usb 2.0



adjustable  
~10x-70x& 200x



polarizer  
anti-reflection



magnification  
lock



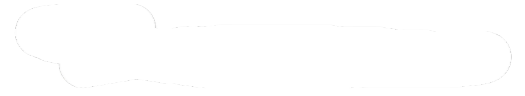
5 megapixel  
2592 x 1944



8 white leds  
switchable



metal  
housing



### DermaScope Polarizer 200x MEDL4DM

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



usb 2.0



adjustable  
~10x-70x& 200x



polarizer  
anti-reflection



magnification  
lock



1.3 megapixel  
1280 x 1024



8 white leds  
switchable

# DermaScope® in use

## A general practitioner

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

“My Dino-Lite Dermascope® you can make better and clearer skin pictures than any standard digital camera with macro button can provide.

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 aff ections.

In Baarn’s Meander Hospital there is a special policlinic for “suspect skin spots”, where the dermatologist can take a biopsy right on the fi rst 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.”

## Teledermatology

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 off ering the tele-dermatoscopy 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 an major incentive for starting tele-dermatoscopy. 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.



# DermaScope® in use

## 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.

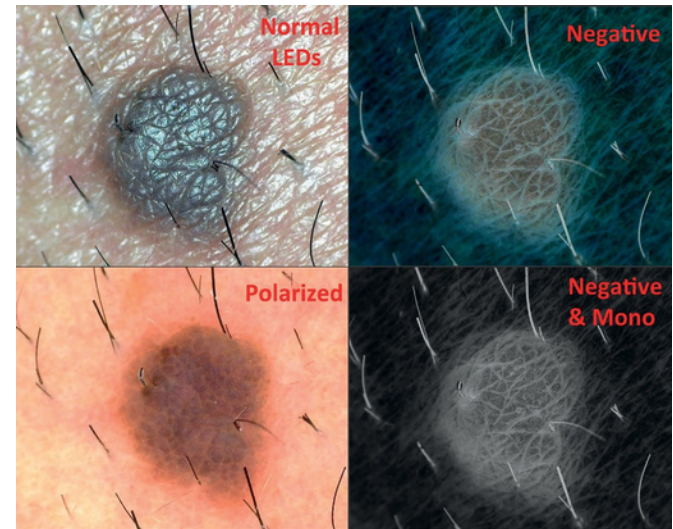
“The DermaScope is compact and my patients can see on the screen what I see, which involves the patient in the diagnosis. The biggest advantage is of course the speed of working. I send my findings and photos to KSYOS (the teledermatology organisation) and I receive the results the next day.

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 DermaScope® 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.”





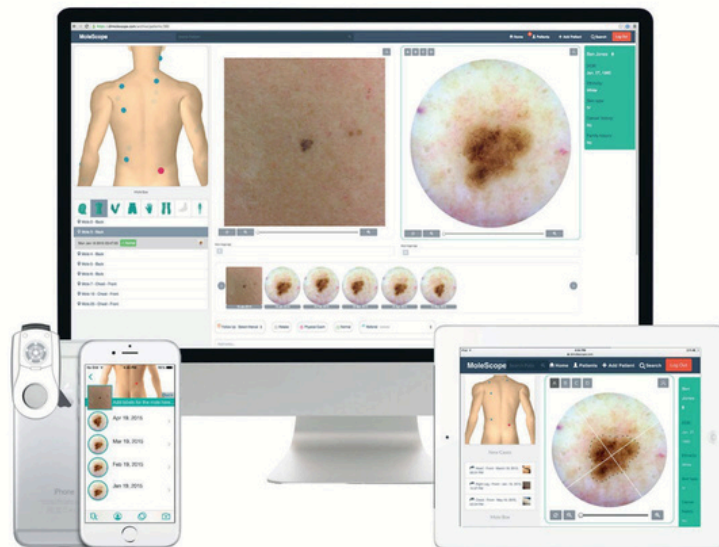
## DermaScope

DermEngine is a convenient and tele dermatology platform (secure encrypted HIPAA compliant) for clinics, which is designed to meet the needs of dermatology professionals through artificial intelligence technology including a template-guided full-body imaging tool to capture and store images.

Tele-dermatology features within DermEngine facilitate the creation of an online referral network by connecting hospitals, dermatologists, physicians and pathology centers in one online network.

DermEngine integrates with Dino-Lite DermaScope (and MoleScope I + II) for advanced dermatoscopy, which allows both dermatologists and patients to carry out short-term dermatoscopy and lesion monitoring using the self-service patient portal.

*More information on: [www.dermengine.com](http://www.dermengine.com)*





## Dino-Lite

### Digital Microscope Medical

Dino-Lite medical products are class I medical devices according to the Medical Devices Regulation (EU) 2017/745

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