

HEINE DELTA 30 and DELTAone FAQ

Working with the DELTA 30 / DELTAone.

1. What is the difference between an examination in contact mode and in non-contact mode?

Thanks to the removable contact plate, the HEINE DELTA 30 and DELTAone can both be used for examinations in contact mode and in non-contact mode.

In contact mode, the patient is examined with the dermatoscope directly applied to the skin, while in non-contact mode, the patient is examined with the dermatoscope at a distance of approximately 1 cm from the skin, having removed the contact plate.

[Click here](#) for more information.

2. When is an examination in non-contact mode recommended?

During clinical examination of hard-to-reach-areas (e.g. between the toes or fingers), where direct contact with the lesion is difficult, as well as in rare clinical cases with infection risk, it can be recommended to use the HEINE DELTA 30 and DELTAone without the contact plate mounted – in non-contact mode. This offers a better visualisation of hard-to-reach lesions as well as the opportunity to observe infectious lesions properly without direct contact with the skin.

[Click here](#) for more information.

3. Can the HEINE DELTA 30 and DELTAone be used without the contact plate?

Yes, the HEINE DELTA 30 and DELTAone dermatoscopes can be used without the contact plate for non-contact mode examination.

4. What is the small contact plate for?

The small contact plate of the HEINE DELTA 30 and DELTAone is specifically designed for the examination of difficult-to-reach pigmented lesions.

[Click here](#) for more information.

5. Can the contact plate be removed and exchanged? How can I take off the contact plate?

The contact plate can be detached from the device:

- ▶ To be cleaned and sterilised.
- ▶ To examine in non-contact mode.
- ▶ To be exchanged with the small contact plate.

To easily remove the contact plate from the dermatoscope, please give it a light twist in combination with a slight pull.

An additional possibility for the DELTAone is to turn the focus ring all the way to the right. Once you feel a resistance, give it an additional turn and the contact plate will fall off. Please make sure to safely hold the contact plate while performing this action to prevent the contact plate being dropped.



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6. How can I clean the instrument and the contact plate?

A wipe disinfection of the instrument and the contact plate should be performed after each patient's examination.

Additionally and in case of a utilization in semi-critical conditions, the new HEINE dermatoscopes are the only instruments which offer you the opportunity of a steam sterilization of the contact plate. For detailed information, please refer to the hygienic reprocessing instructions on

www.heine.com.

7. What is the polarised illumination mode?

In polarised working mode, the light reflected on the skin is suppressed by a polarisation filter. This offers a better visualisation of deeper skin layers. This is similar to the effect of using a non-polarised working mode in combination with immersion liquid. Depending on the structures being examined, some are better identified with polarisation, while others are better identified without. For example, vascular patterns can be viewed more precisely with polarisation. However, the horn cysts of seborrheic keratosis are more prominent without polarisation.

[Click here](#) for more information.

8. What is the difference between polarised and non-polarised illumination modes?

The main difference between polarised and non-polarised dermoscopy is the depth of skin's visualized structures. While non-polarised dermoscopy is best suited for the examination of structures in the skin's superficial layers, polarised dermoscopy is more adapted to the examination of the deeper skin layers.

[Click here](#) for more information.

9. How to turn on the polarised illumination mode?

DELTA 30

When the instrument is turned on, the device automatically starts in polarised illumination mode. Polarised working mode is indicated by the illuminated blue LED situated on the left side of the instrument. To turn off the polarised working mode, please press on the button -P- situated on the left of the power button in the middle of the instrument. Pressing the same button reactivates the polarised mode.

[Click here](#) for more information.

DELTAone

When the instrument is turned on, the device automatically starts in the polarised illumination mode. Polarised working mode is indicated by the illuminated blue LED situated on the left side of the instrument. To turn off the polarised working mode, please press the small black button next to the blue LED. Pressing the same button reactivates polarised mode.

[Click here](#) for more information.



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10. What are the different illumination options for?

In daily practice, you see patients with different skin colors and different skin types. The HEINE DELTA 30 and DELTAone allow you to choose from 3 different levels of light intensity to adapt the brightness to the diversity of diagnostic situations and the examiners' preference.

11. How to change the intensity of the illumination?

DELTA 30

To change the level of light intensity, please press the button situated on the right of the power button in the middle of the instrument. Pressing the same button several times will switch between the 3 options. Please choose the illumination of your preference. When turning the device back on, it will automatically restore the illumination level that has been used last before turning the device off.

DELTAone

To change the level of light intensity, please press the small black button situated on the right side of the instrument. Pressing the same button several times will switch between the 3 options. Please choose the illumination of your preference. When turning the device back on, it will automatically restore the illumination level that has been used last before turning the device off.

12. Do I have to use immersion liquid?

Immersion liquid is used to reduce reflections during examination. When examining with polarised illumination, you do not need immersion liquid, since the light reflected on the skin is suppressed by the polarisation filter.

[Click here](#) for more information.

13. What kind of fluid can be used as immersion liquid?

The best option is immersion oil, but even disinfection spray or water can be used to reduce reflections when working in non-polarised mode.

[Click here](#) for more information.

14. How close do I have to be to the dermatoscope for diagnosis?

The HEINE DELTA 30 and DELTAone are designed to offer you a high flexibility in regards to the viewing distance. The optic offers you a crystal clear image, no matter if you prefer a closer or a greater working distance.

15. What happens if I forget to switch off the device?

The device switches off automatically after 10 minutes if the polarisation button or the brightness control is not used. This feature ensures that the battery does not run down unintentionally and that the device remains ready for use.



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Digital options

1. How can I connect my Smartphone to my dermatoscope?

Both, the HEINE DELTA 30 and DELTAone can be connected to almost any smartphone via the Universal smartphone connector, combined with a fitting hard cover case for the specific phone. [Click here](#) for an assembly guide.

For most recent iPhone* models, HEINE offers pre-configured mounting cases.

To support digital documentation, HEINE offers the **HEINE DERM app**, available for Apple* and Android^{TM**} operated smartphones.

2. Is there an App that is supporting digital documentation?

For digital documentation, HEINE offers the **HEINE DERM app**, available for Apple* and Android** operated smartphones. This exclusive app in combination with the HEINE DELTA 30 and DELTAone dermatoscopes offers:

- ▶ Crystal-clear images
- ▶ Storage and management of dermoscopic digital images
- ▶ Simple assignment of the images using a body map
- ▶ Annotation with comments, risk levels, diagnoses and treatments
- ▶ Intuitive workflow thanks to a clear user interface
- ▶ Possibility to easily compare images from past examinations

3. How do I take the best images with my smartphone?

1. First adjust the focus of the dermatoscope via the focus ring.
2. Once you have a focussed view when looking through the device, please connect your smartphone to the dermatoscope via the available smartphone connector.
3. Open the camera app or the according **HEINE DERM app** on your smartphone and take a picture.

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**Android is a trademark of Google LLC.



HEINE DELTA 30 and DELTAone FAQ

Power and Power Supply

1. How can I charge the device?

You can charge the device with any Micro USB cable. However, for best charging results, we highly recommend that you use the HEINE Micro USB cable which was delivered with the dermatoscope.

For the HEINE DELTA 30 we additionally offer a table charging station that can be ordered as an accessory: the CHARGER 30.

2. Can I charge the device overnight? Does it harm the battery if I keep the device plugged in long term?

The charging cable can be left connected to the dermatoscope without any impact on the battery or the device.

3. How long does the battery last?

The duration of the battery depends on the energy consumption in the specific working mode. This ranges between 80 to 240 minutes continuous illumination.

However, the average working time in clinical practice before charging is about 5 days.

4. How long does it take to charge the battery?

It typically takes about 75 minutes to fully charge the device.

5. How can the battery be replaced?

We offer a battery replacement kit. This kit includes the new battery itself, instructions and all instruments necessary to easily perform the replacement of the battery.

Alternatively, you can have the battery replaced by HEINE or a specialised dealer.



HEINE DELTA 30 and DELTAone FAQ

Guarantee, Maintenance & Disinfection

1. How can I clean the instrument?

We recommend using a standard disinfection wipe to clean the instrument after each patient's examination.

Additionally and in case of utilization in semi-critical conditions, the contact plate offers the opportunity to steam sterilize it.

For detailed information, please refer to the hygienic reprocessing instructions on www.heine.com.

2. When do I need to service my device?

The HEINE dermatoscopes are designed to be maintenance-free and have no components that require service.

3. What is covered in the guarantee and is the LED included?

We offer a 5 year guarantee on our dermatoscopes, including the LED illumination.

For more detail on the guarantee conditions, please refer to:

www.heine.com/en/service-support/guarantee

