

HEINE QUALITY
MADE IN GERMANY

An instrument to make skin screening
more efficient and more accurate.

➤ **HEINE DELTA® 20 Plus**
LED Dermatoscope



HEINE | DELTA® 20 PLUS DERMATOSCOPE

It was said to be
unsurpassable.



Now we've made
it even better.

BETTER IN EVERY DETAIL

It's one of the principles of HEINE to launch innovations only once they are 100% ready for the market. Not only in this respect does the new DELTA20 Plus set the highest standard in today's market. The original DELTA20 was already in a class of its own. Now our engineers have succeeded in developing the new DELTA20 Plus with an even higher level of diagnostic performance, expanding the amount of information that can be used to achieve the most accurate diagnosis for every patient.



+



FLEXIBILITY

The DELTA20 Plus allows for working with either a polarising filter or immersion liquids through the simple exchange of the contact plate. This allows a choice in the examination method for the respective skin lesion to obtain the most accurate diagnosis.



4 HIGH-PERFORMANCE LEDs

Bright and homogeneous illumination with accurate colour rendering for a more accurate diagnosis.



HIGH-QUALITY OPTICS WITH ACHROMATIC TWO-LENS-SYSTEM

High quality achromatic optical system provides unmatched sharpness and resolution.



HOMOGENEITY

The field of view is uniformly illuminated edge-to-edge. The light fall-off to the edge is so low that it can hardly be seen by the human eye.

CRI
87

COLOUR RENDERING

The colour rendering index, or the quantitative measurement of the colour's accuracy, is more than 87 (CRI). The result: True colours! Red is red, blue is blue. Colour temperature: 5000 Kelvin.



THERMAL MANAGEMENT

The DELTA20 Plus utilises ceramics, a heat conducting foil and an aluminum heat sink in a three-layered composite structure to guarantee a consistent luminosity and performance throughout the LEDs' lifetime rating of 50,000 hours.

LONG
LIFE

DURABILITY

For HEINE half an eternity is not enough. That's why our LEDs have a virtually unlimited working life and perform the same as they did the day they came off the assembly line throughout their lifetime.



LED NOW IN HEINE QUALITY



Now we've made it even better.

BETTER DIAGNOSTICS, LESS EFFORT

The DELTA20 Plus offers a choice between dermoscopy with polarised light or with immersion liquids, allowing the examination method to be matched with the respective pigmented skin lesion to obtain the best diagnosis. 4 High-Performance LEDs provide bright and absolutely homogenous illumination, accurate colour rendering and complete reproduction of the colour spectrum of a nevus. The high quality and colour-neutral optics with an achromatic two-lens-system produce an absolutely highly-detailed and undistorted image without irritating colour fringes. 10x to 16x magnification reveals even the finest structural elements that are necessary for a reliable diagnosis.

FUNCTIONALITY IN HEINE QUALITY



Polarisation Filter, for a convenient diagnosis without liquids. Provides a detailed view of the crystalline and vascular structures within the lesion without the use of immersion liquids while providing a more comfortable examination experience for doctors and patients.



There are five contact plates to choose from that can be changed very quickly. A contact plate with scale, one without scale and a small contact plate (for difficult to access lesions) for the examination with immersion liquids. A contact plate with scale and one without scale for the examination with polarised light. The contact plates (except the small contact plate) can be autoclaved if necessary once the corresponding filter is removed to prevent the transmission of diseases after the examination of high-risk patients.



2 of the 4 LEDs can optionally be switched off for lateral illumination to ensure a better visual perception of the structures of the skin surface.



Even a completely discharged DELTA20 Plus will be completely recharged within only two hours using the BETA L handle and the NT300 charger and then will provide enough energy for five hours of continuous operation. The BETA L handle has what it takes: It automatically switches on and off when removed from the charger or when placed in the charger. No need to adjust the rheostat! An LED Indicator integrated into the bottom cap of the handle displays the battery charge status.



The focus ring for the individual focus setting of the DELTA20 Plus can easily be operated with one hand, and compensates the refractive error of the user in the range of -6/+6 dpt. The second hand remains free for the examination.



HEINE provides a detailed dermoscopy compendium with explanations and pictures with every DELTA20 Plus.



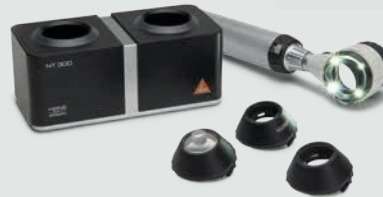
GUARANTEE

HEINE makes no compromises in manufacturing high quality medical instruments. Our commitment to vertical integration in manufacturing means we control all aspects of our instrument quality, from utilising carefully selected, well-matched materials to a high level of hand assembly. This ensures that each HEINE instrument meets or exceeds all requirements in any medical environment. We stand behind this commitment with a 5 year guarantee!



DELTA 20 Plus Set A

The set includes the DELTA 20 Plus Dermatoscope Head, contact plate immersion N with scale, contact plate polarisation P with scale, small contact plate, BETA L Li-ion Rechargeable Handle, hard case and NT 300 charger



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DELTA 20 Plus Set B

The set includes the DELTA 20 Plus Dermatoscope Head, contact plate immersion N with scale, contact plate polarisation P with scale, BETA R NiMH Rechargeable Handle for main socket, hard case



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DELTA 20 Plus Set C

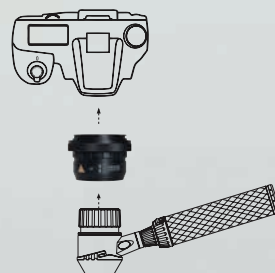
The set includes the DELTA 20 Plus Dermatoscope Head, contact plate immersion N with scale, contact plate polarisation P with scale, BETA Battery Handle, hard case



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Fotoadaptor:

Digital documentation capabilities. Connectable to major brand SLR digital cameras with HEINE digital camera lens system. Specially designed lenses integrate the camera and DELTA 20 Plus optics together to provide the highest quality imaging possible.



For further information and configuration options please refer to: www.heine.com

THE HEINE DELTA SERIES, DEVELOPED FROM PERSONAL EXPERIENCE


A regular visit to the doctor was the start of the DELTA series. In 1989 the wife of the company founder wanted a conspicuous lesion professionally examined. Helmut A. Heine accompanied her and realised that with the instruments used at that time not much could be seen. Brightness, magnification and sharpness left much to be desired. This provided the impetus for the development of the first handheld dermatoscope DELTA 10 which Helmut A. Heine created in cooperation with physicians and healthcare professionals. It was an instrument which raised skin diagnostics to a completely new level. HEINE has been a pioneer in the field of dermatology and our developments are considered as milestones all over the world. The DELTA line is now in its third generation.

Our unwavering commitment to quality ensures that every HEINE instrument enables the user to make the most accurate and reliable diagnosis possible.

HEINE products represent the leading edge in the global market due to unmatched precision and ergonomic design. HEINE products meet and exceed the most important international standards (ISO/CE). Our own intensive on-going research and product development create a future-oriented basis for the quality of all HEINE products.

HEINE was founded in 1946, is an independent and international market leader and offers a complete range of diagnostic instruments. Over 500 employees worldwide contribute to our success.

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