

**HEINE** QUALITY  
MADE IN GERMANY

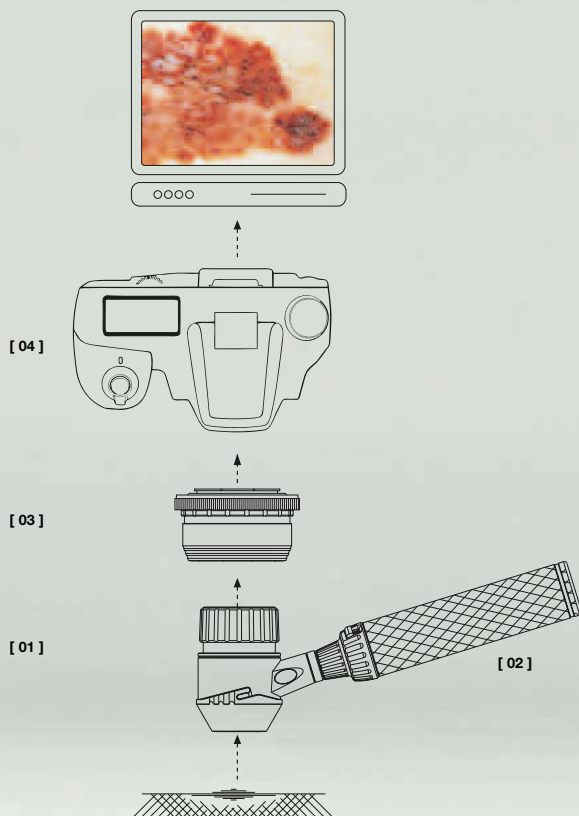
**HEINE DELTA 20<sup>®</sup>**  
LED Dermatoscope



Early recognition of Malignant Melanoma is becoming increasingly important in Dermatology. In Germany the annual increase in reported new cases is between 5 and 10%. In those parts of the world with a fair-skinned population the incidence has almost doubled in the last 15 years. Early recognition and diagnosis is the key to improved healing rates.

HEINE Optotechnik's long experience as market leader in Dermatoscopy has enabled us to set a new standard for image quality with the HEINE DELTA 20® Dermatoscope. The DELTA 20 with 6-LED full-illumination or 3-LED lateral-illumination combined with high-resolution precision optics using achromatic lenses is the result of dedicated research and product development by the HEINE team of engineers.

#### The HEINE DELTA 20® Dermatoscopy System



#### [ 01 ] HEINE DELTA 20® Dermatoscope

- 10x magnification with high-resolution precision optics and achromatic lens system reveal a brilliant, distortion-free image of the whole area under examination.
- Exceptionally-bright full 6-LED-illumination, close to daylight.
- The DELTA 20 is the ideal instrument for classic contact dermatoscopy using oil or disinfectant spray. This method reveals many more fine structure elements of a pigmented lesion and increases diagnostic accuracy significantly.
- Includes a compendium with a full-colour atlas of differential diagnosis of pigmented lesions using the dermatoscope.

#### [ 02 ] HEINE BETA® Handle

- Integrated Voltage Regulation System provides compatibility with any BETA 2.5 V or 3.5 V rechargeable version.

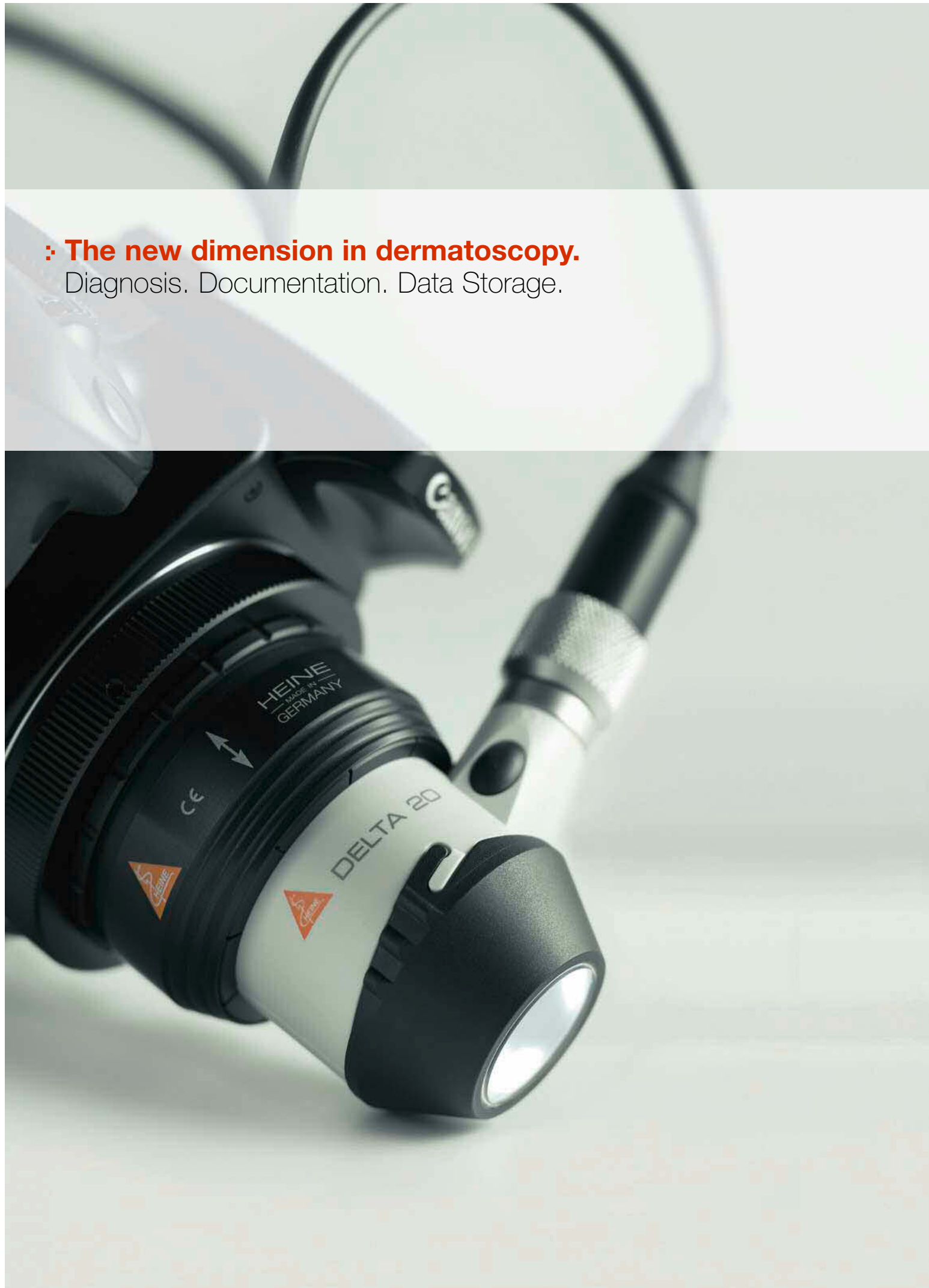
#### [ 03 ] HEINE SLR® Photoadapter

- Instant attachment of camera to adaptor.
- Easy, fixed-focus photography.

#### [ 04 ] Photo-documentation

- Includes instructions for Photo-documentation.  
(A list of compatible digital Cameras can be found at [www.heine.com](http://www.heine.com) under DELTA20/Cameras for DELTA 20.)

**∴ The new dimension in dermatoscopy.**  
Diagnosis. Documentation. Data Storage.



## HEINE DELTA 20® DERMATOSCOPE-SYSTEM

Using an instrument of the highest quality is the best way to ensure the most accurate diagnosis. With high-resolution precision optics and an exclusive illumination system (patent pending), the DELTA 20 Dermatoscope is the ultimate tool in the examination of pigmented skin lesions and provides a significant diagnostic contribution in the early detection of Malignant Melanoma.

The unique achromatic lens system reveals tiny variations in the pigment net and other features of lesions at 10x magnification as a highly-detailed, undistorted image. High-resolution digital photography is easy and affordable both in the Dermatological Practice and in Clinical Routine.

### Technical Features

#### DELTA 20 DERMATOSCOPE

- ✦ **Optics.**  
High-resolution precision optics with achromatic lens system.
- ✦ **Magnification.**  
10x
- ✦ **Field of view.**  
23 mm dia.
- ✦ **Illumination.**  
Exceptionally-bright, close to daylight 6-LED-illumination.  
3-LED-illumination can be selected for improved contrast.  
The light of the 6 LED's is projected through precision cylindrical light guides, for even, homogenous illumination.
- ✦ **LEDs working life.**  
Virtually unlimited working life.
- ✦ **Eyepiece.**  
Can be focused precisely through a range of correction from -6 to +6 dpt.  
Smooth, soft eyepiece prevents damage to spectacles.
- ✦ **Contact Plates.**  
Large Contact Plate (23 mm dia.)  
Small Contact Plate (8 mm dia.) for examination of normally inaccessible lesions. Easy to change plates.  
(Digital photography possible with both large and small contact plates.)  
Special connection design ensures a firm fit to the instrument.  
Autoclavable at 134 °C/5 min.

#### SLR PHOTOADAPTOR FOR DIGITAL SLR CAMERA

HEINE DELTA 20® features fixed-focus photography at a pre-determined lens position. This guarantees crisp and clear images. The quick-connect photo adaptor assures reliable operation and includes a standard 52 mm camera thread. Instant, easy attachment or removal. The dermatoscope rotates on the adaptor through 360° to provide the ideal ergonomic working position.

#### Useful Tip:

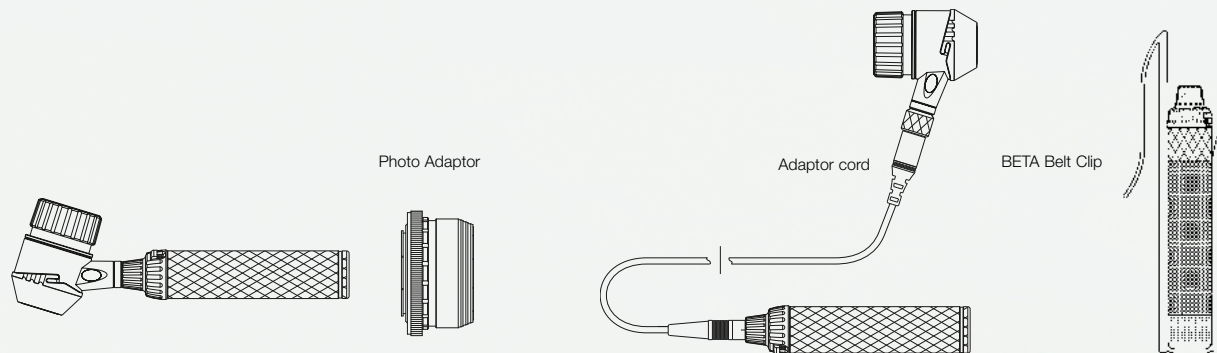
The BETA modular construction provides for the use of an adaptor cord between handle and instrument for digital photography, keeping the camera and instrument head compact and easy to manipulate.

Recommended for the following digital SLR (single-lens reflex) cameras:


- Canon
- Nikon
- Olympus

#### POWER SOURCES

Integrated Voltage Regulation System allows flexibility in choosing either 2.5 V battery or environmentally-friendly 3.5 V rechargeable versions (available also with Li-ion). Ergonomic and comfortable. Lightweight. Compatible with a whole range of HEINE instruments. Improved user comfort with the BETA Belt Clip.

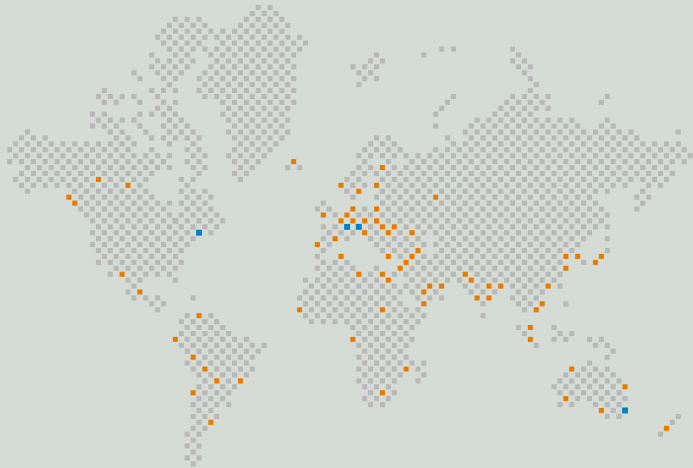


### Order Information

<b>DELTA 20 Dermatoscope</b>	2.5 V LED	3.5 V LED
with contact plate 23 mm dia. with scale and dermatoscopy compendium, without handle	<b>K-008.34.201</b>	<b>K-008.34.201</b>
<b>DELTA 20 Dermatoscopy Set</b>		
Consisting of DELTA 20 Dermatoscope, contact plate 23 mm dia. with scale, 10 ml dermatoscopy oil, dermatoscopy compendium, hard case, complete with BETA battery handle	<b>K-256.10.118</b>	
same, with BETA R (wall plug) rechargeable handle		<b>K-256.20.376</b>
same, with Li-ion rechargeable battery		<b>K-256.27.376</b>
same, with BETA TR rechargeable handle with transformer		<b>K-256.20.384</b>
same, with Li-ion rechargeable battery		<b>K-256.27.384</b>
same, with BETA NT rechargeable handle with NT 300 charger		<b>K-256.20.420</b>
same, with  BETA L handle, with Li-ion rechargeable battery		<b>K-256.29.420</b>

### Accessories

Contact plate, 23 mm dia. without scale	<b>K-000.34.203</b>
Contact plate, 23 mm dia. with scale	<b>K-000.34.204</b>
Small contact plate, 8 mm dia. for the examination of inaccessible lesions	<b>K-000.34.205</b>
Dermatoscopy oil (pack of 6 x 10 ml) is applied to the external skin layers, making them transparent	<b>K-000.34.005</b>
SLR Photo Adaptor for Dermatoscope/Digital-SLR-Camera, with Optics. Wide Field of View, Crisp Image. For Canon	<b>K-000.34.185</b>
same, for Nikon	<b>K-000.34.186</b>
same, for Olympus	<b>K-000.34.187</b>
Adaptor cord (1.3 m) for instrument/handle	<b>X-000.99.231</b>
BETA Belt Clip for BETA handle	<b>X-000.99.008</b>
Photo accessory set includes SLR Photo Adaptor, Adaptor cord and BETA Belt Clip	
Photo Accessory Set for Canon	<b>K-000.34.190</b>
same for Nikon	<b>K-000.34.191</b>
same for Olympus	<b>K-000.34.192</b>
Carrying-case for DELTA 20 and Photo accessories	<b>K-256.06.000</b>



■ HEINE SUBSIDIARY COMPANIES  
■ HEINE REPRESENTATIVES

**A company makes history and gives a name to outstanding product quality: HEINE.**

Founded in 1946, family owned, rich in tradition and today international market leader in a complete range of diagnostic instruments. HEINE products meet all international standards (ISO/CE) and represent the leading edge in precision and ergonomic design. Ongoing dedication to research and development has created a solid and diverse technology base for continued quality and product leadership. Over 500 employees worldwide contribute to this success.

[www.heine.com](http://www.heine.com)

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Your distributor

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