

microDERM
OPTIMA

high-performance illumination
brilliant image

maximum field of view

efficient energy management

safe diagnostic support

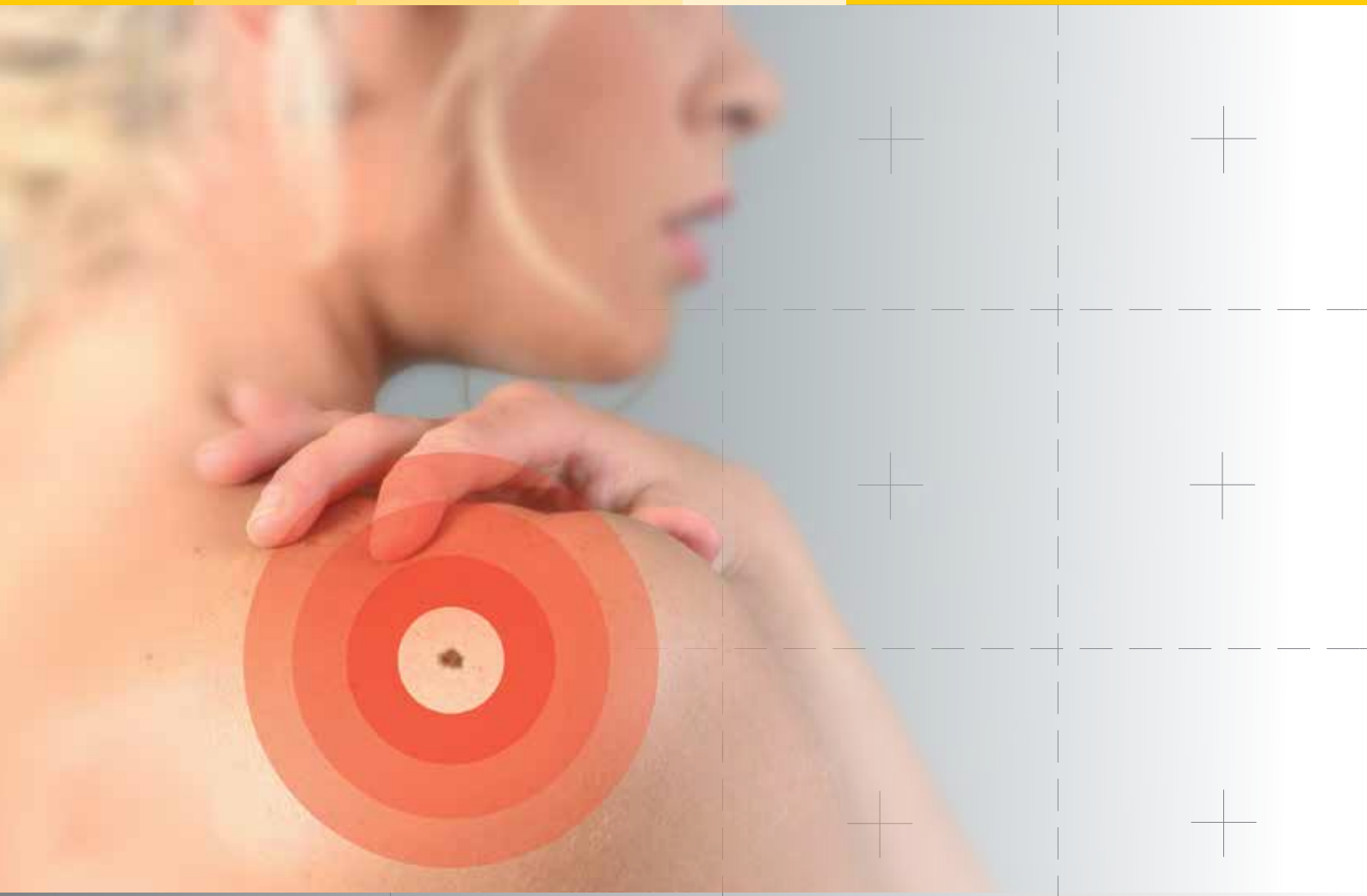
quick overview

multilevel regulation



Full Scale 1:1





microDERM® Optima - enhances the spectrum

Whether for clinical diagnosis or to obtain the required overview in the run-up to skin cancer screenings: with its maximum field of view and the daylight-like illumination, the microDERM® Optima examination magnifier provides you with optimum support during your everyday practise.

Versatile application scenarios are possible due to its different illumination modes. For a photodynamic diagnostic examination, ultraviolet light is available at the touch of a button.

Extensive and colourfast illumination of all details is obtained by high-performance LEDs.

The microDERM® Optima features an ultra light and ergonomic design allowing for optimum handling in everyday use.

Illumination is a crucial factor

The illumination influences the authenticity of colour reproduction. Natural colour reproduction is indispensable for the diagnostic evaluation of all skin changes.

Natural daylight spectrum

Conventionally illuminated magnifiers often unintentionally filter important colour information as far as they only operate with cold white LED light or reddish light. The microDERM® Optima supplies precisely mixed light that comes close to the natural daylight spectrum.

Microprocessor-controlled illumination

Brightness determines the detail accuracy of the view. Only if at least 3000 lux will be achieved in the decisive colour range, it can be assumed that all relevant colour properties and details are detected during the examination.

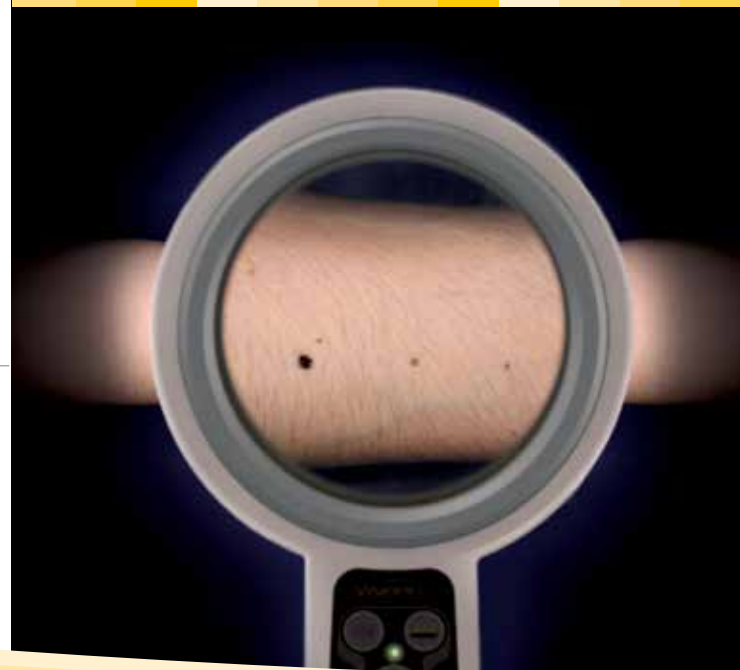
The 96 microprocessor-controlled LEDs enable a colourfast and continuous illumination that is maintained even in the case of decreasing battery performance.

The brightness of the polarised light can moreover be adjusted in various steps using the keypad on the handle.



The advantages at a glance:

- Two illumination modes in one appliance
- Daylight-like illumination
- Precision lens of highest quality
- Maximum field of view for optimum screenings
- Polarised light for quick examinations
- Ergonomic handle and low weight
- Charging possible via USB or charging station



Precision lens with maximum field of view

The generously dimensioned 100mm lens allows for a maximum field of view, thus providing a quick overview and accelerating the examination procedure.

Fluorescence-dynamic diagnostics

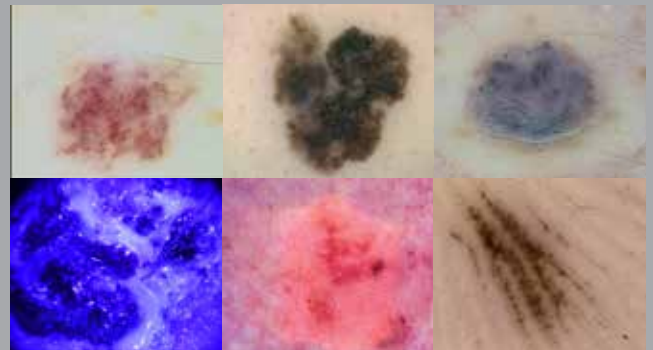
At the touch of a button, the microDERM® Optima also provides you with a UV lamp for examinations in the ultraviolet spectrum. This allows for the analysis of skin changes which are optimally visible by fluorescence only.

Intelligent charging management

The high-performance battery can be charged flexibly using either the USB cable or the charging station. Using the USB connection, the operating time can be extended significantly.

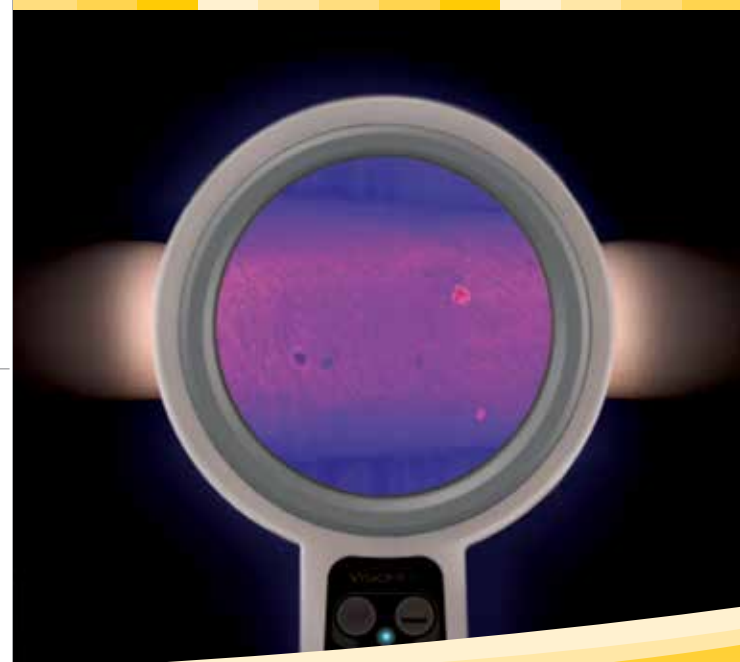
Sophisticated design

The ergonomic and lightweight body offers comfortable and intuitive one-hand operation. Easy cleaning of the microDERM® Optima is possible due to the high-quality finish.



microDERM® Optima supports the analysis of:

- Fluorescence / photodynamic diagnostics
- Melanocytic tumours such as melanoma
- Nonmelanocytic tumours such as basal cell carcinoma
- Skin diseases with defined vascular modifications
- Parasitic diseases and foreign bodies
- Before-after documentations in the case of corrective action



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Scope of delivery

The appliance is delivered as ready-to-use system.
The scope of delivery includes:

- microDERM® Optima handheld magnifier
- High-performance battery
- USB charging cable
- Manual with operating instructions

Optionally available:

- microDERM® Optima charging station



Visiomed AG

Germany

Phone: +49-(0)521-329 856 0

Fax: +49-(0)521-329 856 40

Email: post@visiomed.de

<http://www.visiomed.de>

microDERM
OPTIMA

Assured Quality:

Developed and produced in compliance with the strict regulations according to ISO 9001/13485 and the MPA (German Medical Products Law).



The images and descriptions of this product information may partially contain accessories and special equipment. We reserve the right to modifications which serve the purpose of technical improvement.

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