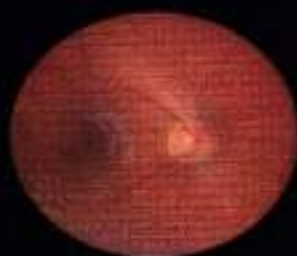




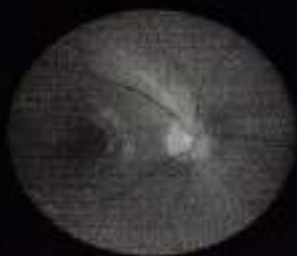
Image is everything

# SMARTSCOPE

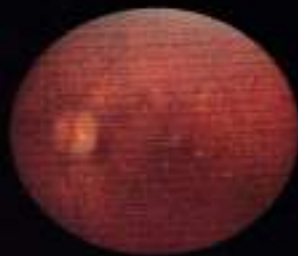
Hand-held Digital Retinal Camera with Anterior Module



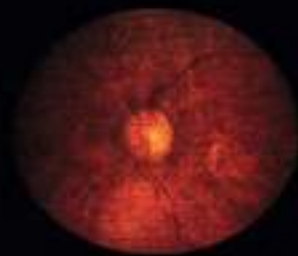
Color fundus image



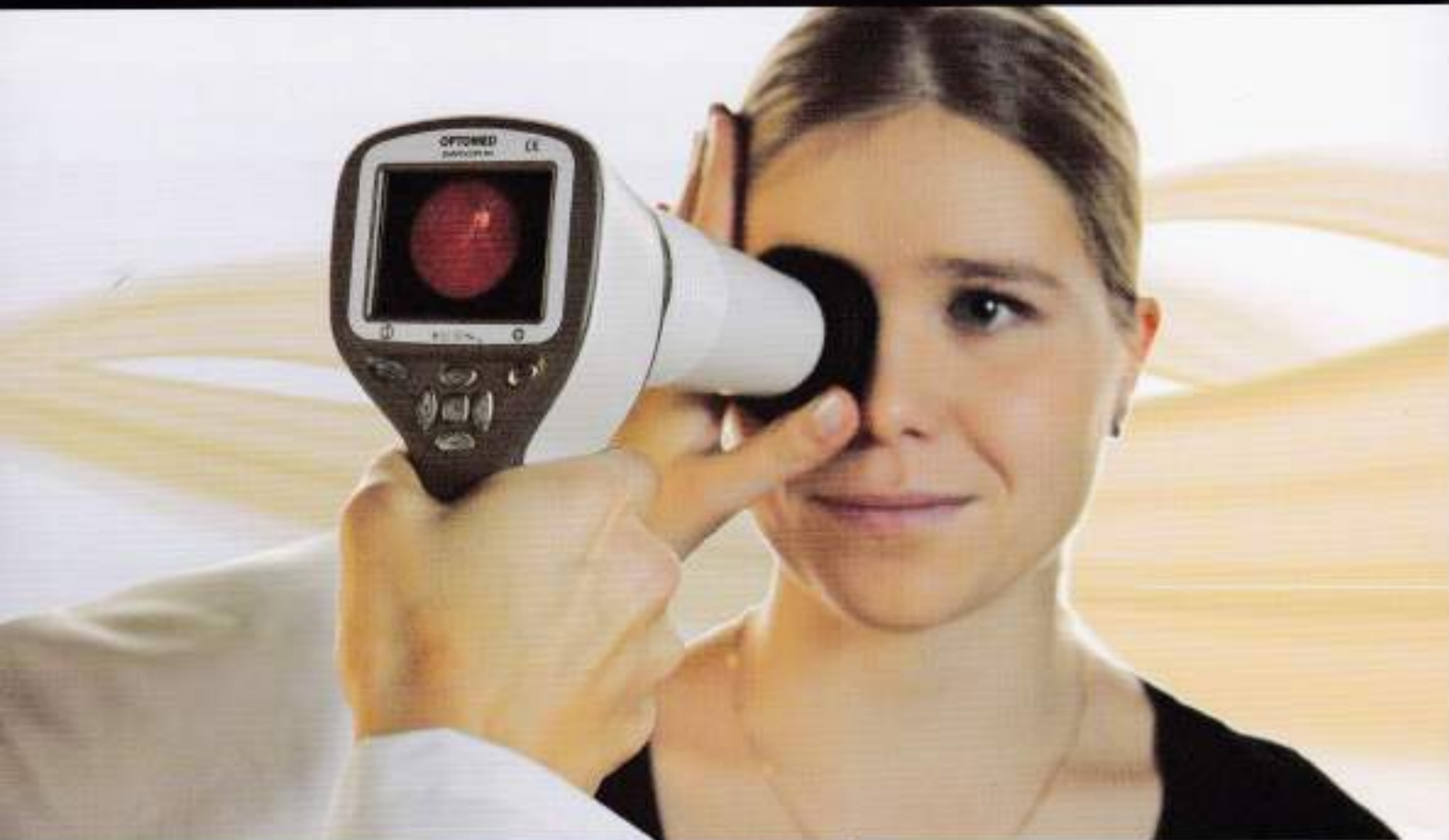
Red free image



Diabetic retinopathy



Macular degeneration



## LEADING EDGE IN HAND-HELD IMAGING

The Optomed Smartscope® M5 is a digital medical camera that enables non-mydratic retinal imaging and eye anterior imaging with one hand-held device.

### Portability and ease-of-use

Small size and light weight make the Smartscope an easily accessible tool that can be used either in the office or out in field conditions.

### Broader patient range

The Smartscope can benefit a wide range of patients from pediatrics to geriatrics as also uncooperative patients and patients with limited mobility can be easily examined.

### Superior Versatility

Two interchangeable modules for retinal and anterior eye imaging provide high-resolution still images and video that can be stored to your PC. The device can also be equipped with otoscopic and dermatoscopic modules to serve multidisciplinary clinics.

## ANTERIOR IMAGING

With attachable eye anterior module ES1 Optomed Smartscope® M5 provides high resolution digital image data of the surface of the eye and areas directly surrounding the eye.

The cobalt blue LEDs allow fluorescent imaging to detect a dry eye or any cuts or rashes on the surface of the eye.

Light weight and portable design allow the camera to be used in field conditions outside the office and examining also patients lying down.





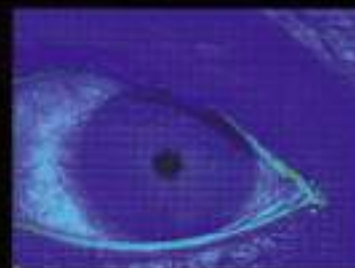
Retinopathy of prematurity



Glaucoma



Eye anterior image



Cobalt blue image

## RETINAL IMAGING

With attachable retinal module EY3 Optomed Smartscope® M5 enables non-mydratic eye fundus examination with a wide 40° field of view.

With digital still and video images the appearance of optic disc, macula, and retinal vasculature can be screened and documented for ocular lesions and anomalies.

The device can be mounted on a slit lamp holder with a special adapter to give additional stability to imaging.

## FEATURES OF SMARTSCOPE M5 EY3

- Reflection free imaging
- Image targeting and capturing using infrared or white light
- It is not necessary to dilate pupils
- Minimum pupil size 3,5 mm
- Field of view 40°
- Autofocus
- Silicon rubber eye cup for support and comfort
- Image resolution 1920 x 1440 Pixels
- Dioptre compensation -20 D to +20 D
- Dimensions/weight: 132.10 (h) x 55.20 (d) mm/180 g

## FEATURES OF SMARTSCOPE M5 ES1

- White and blue LEDs for image targeting and capturing
- Silicone support to stabilize camera when targeting
- Autofocus and optional manual adjust
- 6 x Digital zoom
- Image resolution 2560 x 1920 Pixels
- Dimensions/weight: 79 (h) x 70 (d) mm/80 g



## Optomed Smartscope M5

- Dimensions:  
82.30 (w) x 166.50 (h) x 66.50 (d) mm
- Weight: 400g
- Power supply: Rechargeable Ni-MH Battery

## Handset Features

- High resolution 2.4" TFT-LCD display with 262 000 colors and antireflective coating
- 2 GB SD memory card
- Bayonet connector for attachable optics modules
- Integrated optics with autofocus
- Average usage time 1 h 30 min continuous use with full battery

## Imaging Functionality

- 5 MPixel CMOS image sensor
- Image format: JPEG
- Video format: MPEG-4/MPEG-1
- Resolution in general mode: 2560 x 1920 Pixels
- Autofocus

## User Interface Features

- Patient folders
- Image preview
- Multiple languages

## Connectivity

- PC with USB port – no driver installation needed
- Supported operating systems: Windows XP®, Windows Vista®, Windows 7®
- Free patient data management software provided with sales package



Retinal imaging  
module



Anterior imaging  
module

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