

Mediscope

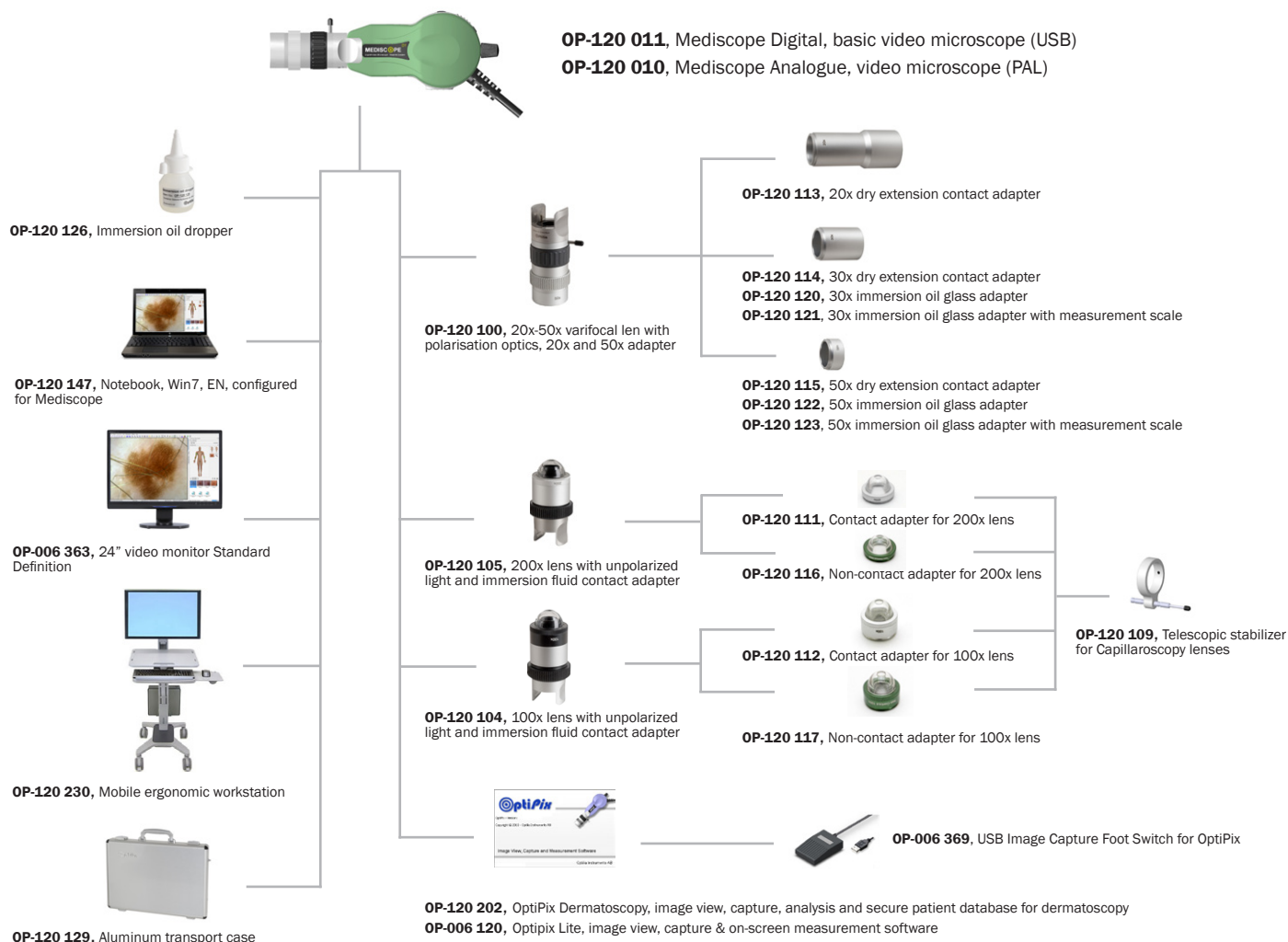
Digital Video Dermatoscopy System



Optilia Mediscope configured for dermatoscopy offers a state-of-the-art system featuring an advanced hand-held digital camera with superior optics and light polarising illumination. The Mediscope is coupled to powerful OptiPix software designed after the needs of dermatologists and providing efficient work flows for patient consultation via a user friendly interface. Secure and flexible data handling plus an array of useful image analysis tools complete this system for professional dermatologists.

The Mediscope can be used on all areas of skin and the system of lenses provides sharp and detailed images with accurate colour representation, from 20x to 200x magnification, with or without the use of immersion oil.

Product matrix:



Technical specification

- Image Sensor ○ 1/2.5" CMOS
- Sensor Resolution ○ 2000H x 1500V pixels (3 million pixels)
- Pixel Size ○ 2.2 μm x 2.2 μm
- Interface ○ USB 2.0
- Frame Rate ○ 10 fps @ full resolution. 15 fps @ 1920x1080 (1080p) and 1600x1200 (2MP) resolution
- Scan Mode ○ Progressive
- Programmable Controls ○ Gain, exposure time, contrast, colour, frame rate and resolution

Illumination ○ Built-in RingLight with dimmer, 12 white ultra bright LEDs with light polarising optics

Optics ○ 20x to 50x magnification varifocal lens with polarized LED light and polarisation optics
 100x high resolution objective lens with unpolarised LED Light
 200x high resolution objective lens with unpolarised LED Light

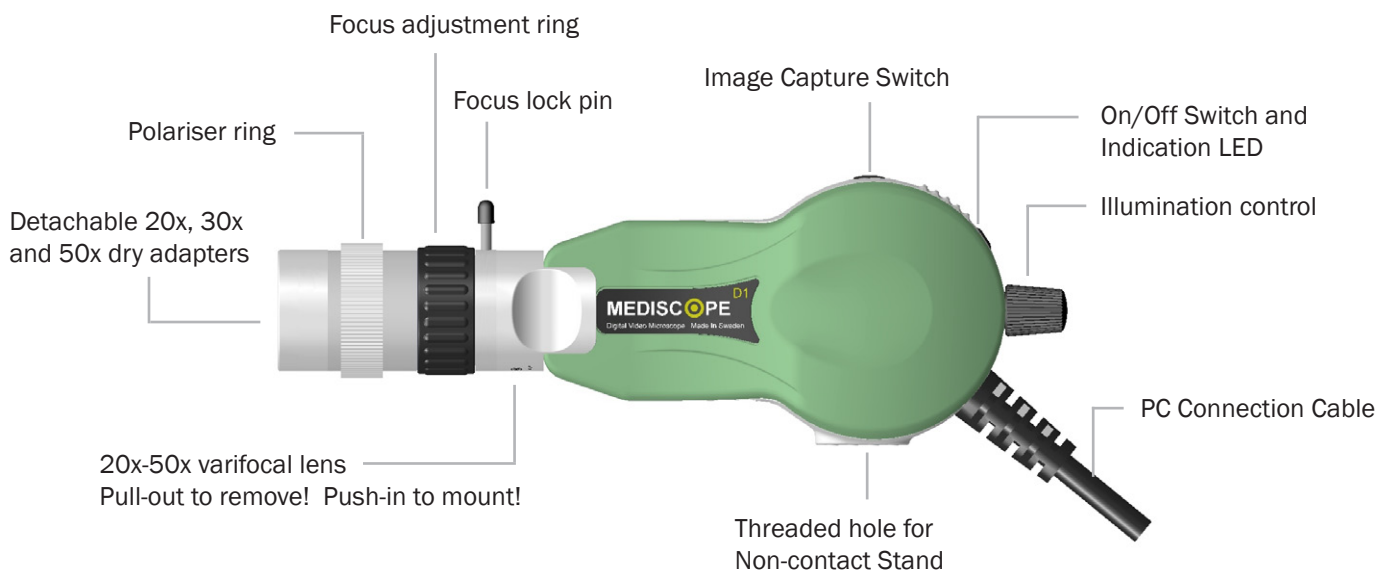
Software ○ OptiPix Dermatoscopy, sophisticated body mapping with patient database
 Optipix Lite, image view, capture & on-screen measurement software

- Field of View at 200x ○ ~ 1.7 x 1.28 mm (WxH)
- Field of View at 100x ○ ~ 3.5 x 2.6 mm (WxH)
- Field of View at 50x ○ ~ 7.6 x 5.7 mm (WxH)
- Field of View at 30x ○ ~ 11.7 x 8.8 mm (WxH)
- Field of View at 20x ○ ~ 18.1 x 13.6 mm (WxH)

- Storage Enviroment ○ -20 °C to +60 °C, Max 98% RH, non-condensing
- Operation Enviroment ○ 0 °C to +45 °C, Max 95% RH, non-condensing
- Power Soruce ○ 5.0 VDC, 450 mA minimum powered via USB port

- Size (w/o Lens) ○ 100 x 55 x 36 mm (LxHxW)
- Size (with Varifocal lens) ○ 145 x 55 x 36 mm (LxHxW)
- Weight (w/o Lens) ○ ~ 190 g.
- Weight (with Varifocal Lens) ○ ~ 250 g.

Description



Reseller:



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