

# TrichoScope Polarizer HR (MEDL7HM)

**Brand:** Dino-Lite Medical  
**Product Code:** MEDL7HM

## Short Description

5 Megapixel resolution  
 Up to 200x magnification  
 HR model for Trichoscopy  
 Polarizer  
 Medical Device Class 1

## Description

The Dino-Lite TrichoScope Polarizer HR (MEDL7HM) is a great instrument for the examination of the human scalp and for hair analysis, e.g. for hair loss research. With the high magnification of up to 200 times a single hair can be viewed with great detail. The built-in polarizer filter minimizes the glaring effect of the scalp/ hair.



The 5 Megapixel sensor makes it possible to display microscopic images, without loss of quality, on large screens or when large images should be printed.

## Specification

| Lighting               |                       |
|------------------------|-----------------------|
| Light/ LED type        | White                 |
| Number of LEDs         | 8                     |
| LED on/off switchable: | Yes                   |
| Infrared filter        | IR cut-filter >650 nm |
| Diffuser available     | No                    |
| Polarizer              | Yes, linear           |
| Optics                 |                       |

|                                   |   |
|-----------------------------------|---|
| Magnification                     | 10-70x, 200x  |
| Lens type                         | Glass with anti-reflection coating                                      |
| <b>Sensor</b>                     |   |
| Sensor type                       | CMOS  |
| Resolution                        | 5 Megapixel (2592x1944)   |
| Maximum frame rate                | 30 fps  |
| <b>Compatibility</b>              |   |
| Interface                         | USB 2.0   |
| Operating system                  | Windows 7, 8, 10 & 11, MacOS 10.9 and up                                |
| Software                          | DinoCapture 2.0 (Windows), DinoXcope (Mac OS)                           |
| Supported image formats (Windows) | BMP, GIF, PNG, JPG, TIF, RAS, PNM, TGA, PCX, MNG, WBMP, JP2, JPC, PGX   |
| Supported video formats (Windows) | WMV, FLV, SWF   |
| Supported image formats (MacOS)   | JPEG, PNG   |
| Supported video formats (MacOS)   | MOV (max 1.3MP)   |
| Imaging standards                 | DirectShow, UVC   |
| <b>Housing</b>                    |   |
| Housing material                  | Aluminium alloy housing   |
| Magnification lock                | No  |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)  |
| Weight                            | 140g  |
| Cable length                      | 1.8m  |
| <b>Features</b>                   |   |
| Special feature                   | No  |
| Measurement                       | No  |
| Calibration                       | No  |
| Microtouch sensor                 | Yes   |
| <b>Information</b>                |   |
| Package contents                  | Microscope, carry pouch, software CD, ZT-Z-CC1 cap closure, user manual |
| Warranty information              | 2 years European warranty   |
| Regulatory approval               | Medical Device Class 1 – Medical Devices Regulation (EU) 2017/745       |
| Price range                       | €700,00 - €900,00   |

## Product Gallery

