

# EarScope Basic (MEDL3E)



**Product Code: MEDL3E**

## Short Description

640x480 Resolution

Basic model for otoscopy

20-30x Magnification

Medical Device Class 1

## Description

The EarScope Basic (MEDL3E) is a compact and safe solution to look at the ear. The cap is detachable for hygienical reasons. The MEDL3E has a 640x480 resolution and magnification of 20 ~ 30x. This model is delivered with disposable specula of 3, 4 and 5 mm (10 each).



USB 2.0



Adjustable  
~20x-30x



VGA resolution  
640 x 480



4 White LEDs  
non switchable

## Specification

| Lighting        |       |
|-----------------|-------|
| Light/ LED type | White |
| Number of LEDs  | 4     |

|                                   |                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------|
| LED on/off switchable:            | Yes                                                                                                     |
| Infrared filter                   | IR cut-filter >650 nm                                                                                   |
| Diffuser available                | No                                                                                                      |
| Polarizer                         | No                                                                                                      |
| Optics                            |                                                                                                         |
| Magnification                     | 20-30x                                                                                                  |
| Lens type                         | Glass with anti-reflection coating                                                                      |
| Sensor                            |                                                                                                         |
| Sensor type                       | CMOS                                                                                                    |
| Resolution                        | VGA (640x480)                                                                                           |
| Maximum frame rate                | 30 fps                                                                                                  |
| Compatibility                     |                                                                                                         |
| 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                                                                                                     |
| Imaging standards                 | DirectShow, UVC                                                                                         |
| Housing                           |                                                                                                         |
| Housing material                  | Composite/plastic housing                                                                               |
| Magnification lock                | No                                                                                                      |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)                                                                                  |
| Weight                            | 95 g                                                                                                    |
| Cable length                      | 1.8m                                                                                                    |
| Features                          |                                                                                                         |
| Measurement                       | No                                                                                                      |
| Calibration                       | No                                                                                                      |
| Microtouch sensor                 | No                                                                                                      |
| Information                       |                                                                                                         |
| Package contents                  | Microscope, carry pouch, 10x 3 mm specula, 10x 4 mm specula, 10x 5 mm specula, software CD, user manual |
| Warranty information              | 2 years European warranty                                                                               |
| Regulatory approval               | Medical Device Class 1 – Medical Devices Regulation (EU) 2017/745                                       |

|             |                   |
|-------------|-------------------|
| Price range | €200,00 - €300,00 |
|-------------|-------------------|

**Product Gallery**