

# EarScope Pneumatic (MEDL4EP)

**Brand:** Dino-Lite Medical  
**Product Code:** MEDL4EP



## Short Description

1.3 Megapixel resolution  
Pro model for pneumatic otoscopy  
55-90x Magnification  
Medical Device Class 1

## Description

The EarScope Pneumatic (MEDL4EP) is a compact and safe solution for watching the eardrum and the external ear. The MEDL4EP has a 1,3 Megapixel resolution and a magnification of 55 ~ 90x. It comes with a rubber bulb that is squeezed to give a puff of air into the ear canal, which allows the doctor to see how the eardrum moves. This model is delivered with disposable specula of 2,5 and 4 mm (10 each).



USB 2.0



6 White LEDs  
switchable



Adjustable  
~55x - 90x



1.3 megapixel  
1280 x 1024



Magnification  
lock

## Specification

Lighting

|                                   |                                                                                                      |
|-----------------------------------|------------------------------------------------------------------------------------------------------|
| Light/ LED type                   | White                                                                                                |
| Number of LEDs                    | 6                                                                                                    |
| LED on/off switchable:            | Yes                                                                                                  |
| Infrared filter                   | IR cut-filter >650 nm                                                                                |
| Diffuser available                | No                                                                                                   |
| Polarizer                         | No                                                                                                   |
| Optics                            |                                                                                                      |
| Magnification                     | 55-90x                                                                                               |
| Lens type                         | Glass with anti-reflection coating                                                                   |
| Sensor                            |                                                                                                      |
| Sensor type                       | CMOS                                                                                                 |
| Resolution                        | 1.3 Megapixel (1280x1024)                                                                            |
| Maximum frame rate                | 30 fps                                                                                               |
| Compatibility                     |                                                                                                      |
| Interface                         | USB 2.0                                                                                              |
| Operating system                  | Windows 7, 8, 10 & 11, MacOS 10.9 and up                                                             |
| Included 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                | Yes                                                                                                  |
| Dimensions                        | 10.5cm (L) x 3.2cm (D)                                                                               |
| Weight                            | 95 g                                                                                                 |
| Cable length                      | 1.8m                                                                                                 |
| Features                          |                                                                                                      |
| Special feature                   | No                                                                                                   |
| Measurement                       | No                                                                                                   |
| Calibration                       | No                                                                                                   |
| Microtouch sensor                 | Yes                                                                                                  |
| Information                       |                                                                                                      |
| Package contents                  | Microscope, carry pouch, 10x 2,5 mm specula, 10x 4 mm specula, software CD, user manual, rubber bulb |

|                      |                                                                   |
|----------------------|-------------------------------------------------------------------|
| Warranty information | 2 years European warranty                                         |
| Regulatory approval  | Medical Device Class 1 – Medical Devices Regulation (EU) 2017/745 |
| Price range          | €600,00 - €800,00                                                 |

### Product Gallery

