



# Arclight

**Arclight** solar LED  
ophthalmoscope & otoscope

Effortless Diagnosis. Anywhere.

# Arclight

An all-in-one compact and easy-to-use ophthalmoscope-loupe-otoscope for healthcare professionals of all levels.

**On-the-Go** – novel flexible design

**Portable** – shirt pocket or around neck

**Precise** – lightweight and manoeuvrable

**Affordable** – no battery/bulb to change

**Reliable** – robust and efficient

## Features

**LED** – crisp and reliable illumination

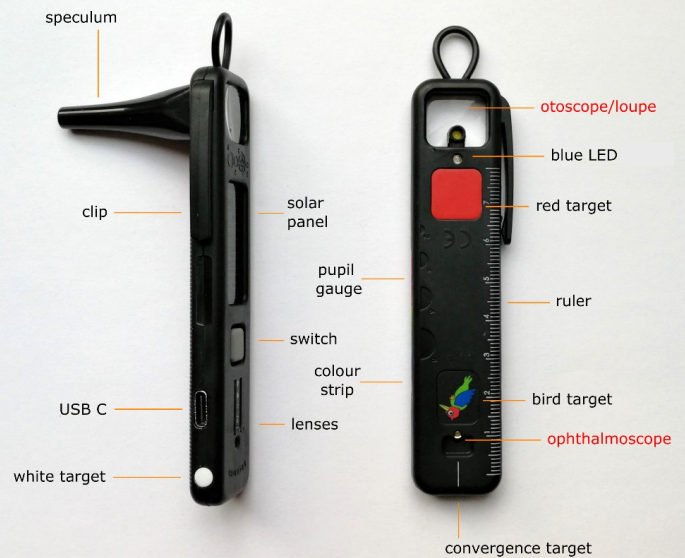
**Blue light** – for corneal exams

Corrective lenses

Anterior segment magnifying **loupe**

**Dual charge** – solar panel & USB C

**Ear speculae** convert to an otoscope



## What's included?

- **Fabric Case:**
  - 2x Specula
  - Lanyard
  - USB C Cable
  - Cloth Chart
  - Reading Chart
  - Video Clip
  - Instructions/online content



# Specifications

## Arclight ophthalmoscope & otoscope

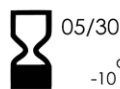
- **Dimensions & Weight:** *device* – 110x24x9mm, 20g  
*fabric case and extras* – 127x67x33mm, 83g
- **Materials:** ABS, PC, PMMA, Silicone, Nylon
- **Illumination:** LED – warm-white (ophthalmoscope), daylight-white (otoscope/loupe), blue
- **Logic Modes:** 1) default general, 2) eye specialist, 3) ear specialist
- **Lenses:** -3D, -6D, +4D
- **Specula:** 4.5mm and 2.5mm
- **Battery & Charging:** Li-Ion (enclosed). Solar and USB C
- **Classification:** Class 1, non-sterile, non-measuring



## Intended Use

The Arclight is used for examining the front and back of the eye and the ear canal. The ophthalmoscope can be used to view the fundal reflex to diagnose cataract, spot bleeding and childhood eye cancer; as well as funduscopy which looks for swelling of the optic nerve, glaucoma, diabetes and detached retina. The loupe is used to study the front of the eye: lids, cornea, sclera, conjunctiva, iris and aqueous. When fitted with a speculum, the otoscope can be used to examine the ear canal and the ear drum. Proper study and training is essential. Use clinical judgment: minimise light intensity and exposure. Disinfect by wiping surfaces with alcohol. No user serviceable parts. Do not put in fluids or near flammable gases, use force, expose to high temperatures, or use if damaged. \* Videos online \*

[arclightprojectshop.co.uk](http://arclightprojectshop.co.uk)  
[medicine-st-andrews.ac.uk/arclight](http://medicine-st-andrews.ac.uk/arclight)



05/30

-10°C



55°C



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