

# Light microscope for low-income settings

Medical device

Country of origin | Ethiopia

Primary function | Diagnosis

## Health problem addressed

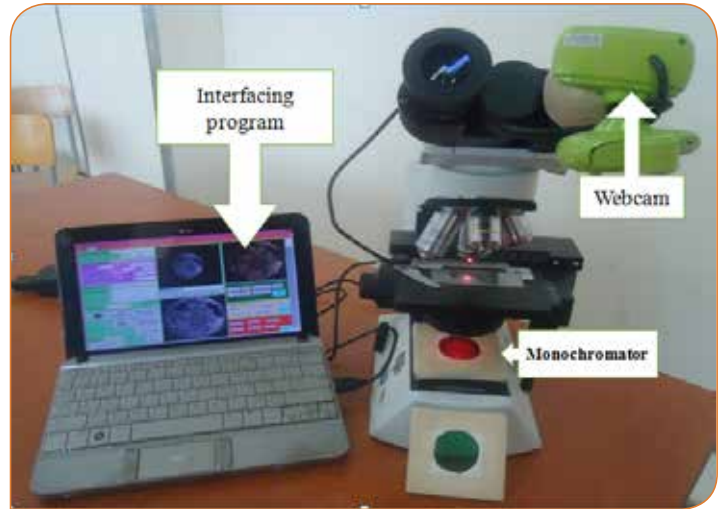
The microscope innovative design tries to address or fill the gap of procedures done using ordinary compound light microscope in low income setting. It renders the diagnostic procedure easy, reliable and comfortable. Patients' data are stored for future use.

## Disease addressed

Certain infectious and parasitic diseases.

## Product information

The design incorporates different sub-systems that enable integration of a compound light microscope with a computer, as well as improvement of the illumination system. The microscope is connected to a computer via USB, which allows to display the specimen images taken with the camera in real-time on the screen. A software was developed to display and process the image and to save all patients' and users' data in a database (feedback system).



## Use and maintenance

**User:** Laboratory professionals.

**Training:** General training for microscope and specific training for the software are required.

## Environment of use

**Setting:** Urban settings, primary level (health post, health centre), secondary level (general hospital), tertiary level (specialists hospital).

**Energy requirements:** Continuous power supply.

## Product specifications

**Accessories:** Software

**Other features:** Computer, camera, printing accessories

## Commercial information

**Reference price (USD):** 3000

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WHO compendium of innovative health technologies for low-resource settings

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