

## PORTABLE COMPOUND OPTICAL MICROSCOPE (30X)



SKU: 159573A



### HAND-HELD COMPOUND MICROSCOPE 30X

**Compound optical microscope with built-in lighting and easy focusing system. Magnification 30x.**

Hand-held pocket instrument, compact and light weight. It offers a clear and bright view of the inspected object.

Designed for offering at any moment an accurate observation of minute details, too small to be seen with the naked eye.

Suitable for inspecting **objects that can be placed close to the microscope**, and for all those applications that can work with an **inverted magnified image**, such as for example maintenance & repair, inspection of PCBs and miniature parts.

#### Product features

Compound microscopes use a lens close to the object (the **objective lens**) to collect light and focus a real image of the object into them. That image is then magnified by a second lens (the **eyepiece**) that gives the viewer an **enlarged inverted virtual image** of the object. This kind of optical microscope with an objective/eyepiece combination is designed for allowing high magnification with a single lens: a simple magnifying glass can magnify an image by a relatively small factor (usually not more than 10x), while compound microscopes can reach greater magnification (30x in this case).



## Operations

- Turn the light switch ON for illumination
- View the object through the eyepiece, placing the microscope's front cover close to the object
- Adjust focus knob as needed.

## Specifications

- **Inverted images**
- Magnification: **30 x**
- ESD safe: No
- RoHS compliant: Yes
- Power supply: 2 x Battery 1.5 V (NOT included).
- Dimensions (OAL x Wx H): 130 x 20 x 40 mm
- Net weight: 43 g.