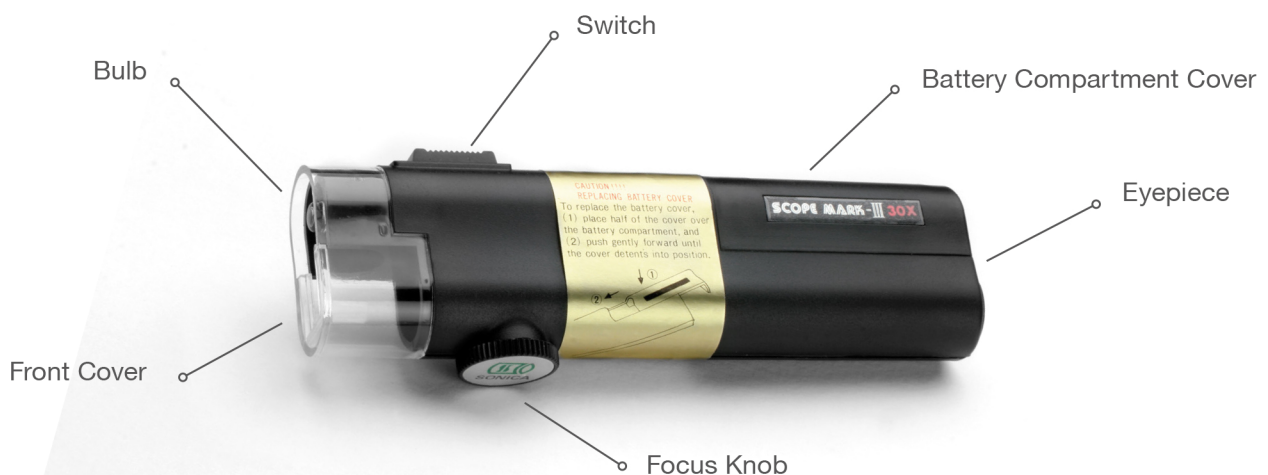


ALCRON POCKET MICROSCOPE

ALCRON is an illuminated 30X hand-held compound microscope especially designed for an accurate observation of minute details too small to see with the naked eye. Unique integration of built-in illumination and easy focusing system offer you further conveniences and comfort.

OPERATION PROCEDURE:

Turn ON the Switch for illumination, and then view the Object through the eyepiece with the Front Cover right on the Object. Adjust Focus Knob as needed.

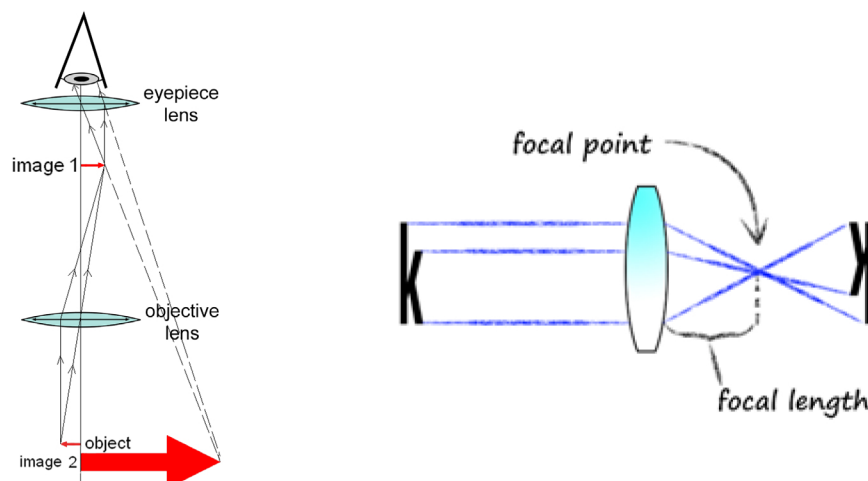


INVERTING IMAGES

Inverted images are a normal characteristic of ALCRON microscopes. ALCRON is a compound microscope which uses a lens close to the object being viewed to collect light (called the objective lens) which focuses a real image of the object inside the microscope. That image is then magnified by a second lens (called the eyepiece) that gives the viewer an enlarged inverted virtual image of the object. The use of a compound objective / eyepiece combination allows for much higher magnification.

A simple magnifying glass can magnify an image by a relatively small factor – usually no more than 10X.

Compound microscopes are designed to provide greater magnification (ALCRON = 30X) than can be provided by a single lens. The microscope is designed to magnify objects that can be brought close to the device. The magnified image is inverted; however, this is generally not an issue for most applications.



REPLACING BATTERIES: A

To replace batteries, remove the Battery Compartment Cover by gently sliding it backward. Replace both batteries. (Designed battery: two AA batteries 1.5V)

REPLACING BULB: B

To replace bulb, remove the Front Cover and put the attached plastic tube on the bulb. Unscrew the bulb by turning it counter-clockwise. Insert new bulb. (Designed light bulb: 2.3V, 0.2amp, screw base)

