

## CL Series Fiber Microscope

The CL series fiber microscope utilizes a white LED for coaxial illumination. Light is introduced into the optical path so that it comes out the tip of the objective and strikes the sample perpendicular to the fiber end face. Portable and excellent details display.

### Technical Details:

Optical Magnification: 200x, 400x

Power Requirements: 3 "AAA" alkaline batteries

LED: Rated life: 100,000 hrs.

Weight: 0.6kg

Size: 225mm/8.76"L x 32mm/1.25" Diameter

Controls: Momentary on/off switch, Fine-Focus control

Safety Filter: Built-in

Adapter interface: Uses interchangeable, presented universal or dedicated adapters

Product Option: CL-200 200x and CL-400 400x



### Operation Step:

Step 1. Input the Fiber which will be checked into the Fiber Insert Entrance, insert another fiber connector into the light source entrance.

Step 2. See from the Eyepiece and press on the on/off LED switch (Illumination)

Step 3. Adjust the focus control, just to find the clearest viewing;

### Laser Safety information:

To reduce the risk of accidental exposure to active fiber emission, every fiber scope is equipped with an attenuating, laser safety filter. Long time exposure to the invisible wavelength can lead to permanent damage to the naked eye.

The filter we install will provide over 35dBm of attenuation at wavelengths from 1310nm to 1550nm. In addition, it will provide over 20.5dBm of attenuation at 850nm. However, it should be stressed that in spite of the protection offered, under no circumstances should an actively emitting fiber be viewed with a visual inspection scope such as the CL-200.