unionfiber

Fiber Microscope

Product Drawing

Product Description

The CL-Series Hand Held Fiber Microscope utilize a white LED for coaxial illumination. Light is introduced into the optical path (axis) so that it comes out the tip of the objective and strikes the sample perpendicular to the fiber end-face. It produces excellent detail of scratches and contamination. For critical examination of polish quality.We strongly recommend the CL-Series Hand Held Fiber Microscope.

Product features

- Provide high magnification optical amplification function, usually up to 200X to 400X or even higher, ensuring that every detail of the fiber end face can be clearly presented.
- Equipped with multiple adapters, supporting different types and specifications of fiber optic connectors such as FC, SC, ST, LC, etc., to meet diverse testing needs.
- Adopting a sturdy shell design, it has good anti drop, waterproof, and dustproof performance. Meanwhile, the compact and lightweight body design makes it easy to carry and operate on site.
- Support saving measurement images to an SD card or transferring them to a computer for easy analysis and archiving in the future. At the same time, some models also have the function of generating test reports, providing strong support for the maintenance and management of fiber optic networks.

Application

Installation, commissioning, and maintenance of fiber optic communication networks.

Performance testing and calibration of fiber optic sensing systems.

Quality control and testing in the manufacturing process of optical fibers.

Research and production testing of fiber optic devices (such as fiber optic connectors, attenuators, etc.)

Technical Specifications

Product Parameters

Project	Technical indicators

Product name	Fiber Microscope
Optical Magnification	100X,160X,200X,320X,400X
Power Requirements	3"AAA"alkaline batteries
LED	Rated life:10000hrs
Weight	0.6kg
Size	225mm/8.76"Length x 32mm/1.25"Diameter
Controls	Momentaryon/off switch; Fine-Focus control
Laser Safety Filter	Built-in
Adapter interface	Use interchangeable, presented universal or dedicated adapters