

# FM Handheld Fiber Microscope



The FM Fiber Microscopes utilizes 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 FM Fiber Microscopes. With their good optical performance and integrated laser safety filters, they provide the most critical view of fiber end faces. This renders scratches highly visible and is the clear choice for field termination in sensitive installations

## Specification:

**Optical Magnification: 100x, 160x, 200x, 320x, 400x**

Power Source: 3 x1.5v button batteries

Light Source: White LED, rated for 100,000 hours

Net Weight: 0.6 Kg

Size: 225mm/8.76" Length X 32mm/1.25" Diameter

Controls: Momentary on/off switch for light source, Fine Focus control wheel

Switch: 1. Automatic on/off switch for light source

2. Two minutes delayed on/off switch

Safety Filter: Built in IR filter

Adapter Interface: use interchangeable, presented universal or dedicated adapters.

Color: Black.

## Model Number:

**FM-100: 100X**

**FM-160: 160X**

**FM-200: 200X**

**FM-320: 320X**

**FM-400: 400X**

## Fiber Optic Adaptors

**FM series: suitable for the FM handheld fiber microscope**

FM-1.25: suitable for the diameter=1.25mm Fiber optic cable



FM-2.5: suitable for the diameter=2.5mm Fiber optic cable

