

# FOMS

NETWORK TESTING—OPTICAL



## Troubleshooting Made Easy

Designed to detect problems related to poor transmission performance, the Fiber-Optic Microscope (FOMS) provides high-quality images of connector ferrule endfaces. This sturdy, user-friendly instrument enables you to examine connector ferrule endfaces for imperfections, scratches, dirt or any other problems that may impede transmission. Applications for the FOMS include fiber installation, maintenance and system qualification. This versatile instrument is available in magnifications of either 200x or 400x and is ideal for both field and lab use.

- Ideal for both field and lab use
- Safety filters for eye protection
- Lightweight, ergonomic design
- Rugged, protective cover

## Sturdy and Reliable

The FOMS has a lightweight, sturdy cast-aluminum casing with a rubber exterior for optimal reliability and safety under all working conditions. Purchase this unit as a stand-alone solution, or integrate it with other EXFO instruments.

## A Wide Range of Connector Options

As well as providing a high-quality troubleshooting instrument, EXFO now also offers a complete line of connectors. Designed to save you valuable time, these connectors will satisfy all of your fiber inspection needs.

# Professional-Grade Coaxial Illumination System

The FOMS uses coaxial illumination to produce the maximum amount of light at greater magnification levels. To view the polish quality they have produced, fiber specialists prefer coaxial illumination, the same illumination that is found in professional-grade microscopes.

## GENERAL SPECIFICATIONS

Size (H x W x D)	225 mm x 51 mm x 32 mm	(8 7/8 in x 2 in x 1 1/4 in)
Weight (with batteries)	0.58 kg	(1.3 lb)
Power	Three AAA batteries	
Battery life	30 hours	

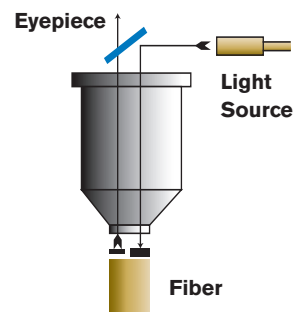
### Standard Accessories

User Guide, soft carrying case, and three AAA alkaline batteries.

### Laser Safety

The FOMS is equipped with a laser attenuation filter for your safety. Laser attenuation filters provide excellent eye protection. However, they are not a substitute for practicing good laser safety. Never attach or view a live fiber with any microscope.

## Coaxial Illumination



Light is introduced into the optical path so that it strikes the sample perpendicular to the connector ferrule endface, producing a highly detailed image.

## ORDERING INFORMATION

### FOMS-XXXX-XXXX

#### Magnification

200x  
400x

#### Connector code

UNIV  
U12  
APC  
FCPC  
SC  
ST  
E2  
LC  
MTP  
MTRJ

#### Accessories (adaptor for microscope)

MOA-UNIV Universal adapter for 2.5 mm ferrules with slip-grip mechanism  
MOA-U12 Universal adapter for 1.25 mm ferrules with slip-grip mechanism  
MOA-APC Universal adapter for APC-type 2.5 mm ferrules with slip-grip mechanism  
MOA-FCPC FC adapter  
MOA-SC SC adapter  
MOA-ST ST adapter  
MOA-E2 E 2000 adapter  
MOA-LC LC adapter  
MOA-MTP MTP adapter, sliding-carriage type  
MOA-MTRJ-1 MTRJ adapter, simple remove-rotate type

Specify the model number and the microscope adapter you wish to obtain (one free adapter included)

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EXFO is certified ISO 9001 and attests to the quality of these products. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. EXFO has made every effort to ensure that the information contained in this specification sheet is accurate. However, we accept no responsibility for any errors or omissions, and we reserve the right to modify design, characteristics and products at any time without obligation. Units of measurement in this document conform to SI standards and practices. In addition, all of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit [www.EXFO.com/recycle](http://www.EXFO.com/recycle). Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

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