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## Test & Measurement

- > sales
- > rentals
- > calibration
- > repair
- > disposal

## Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

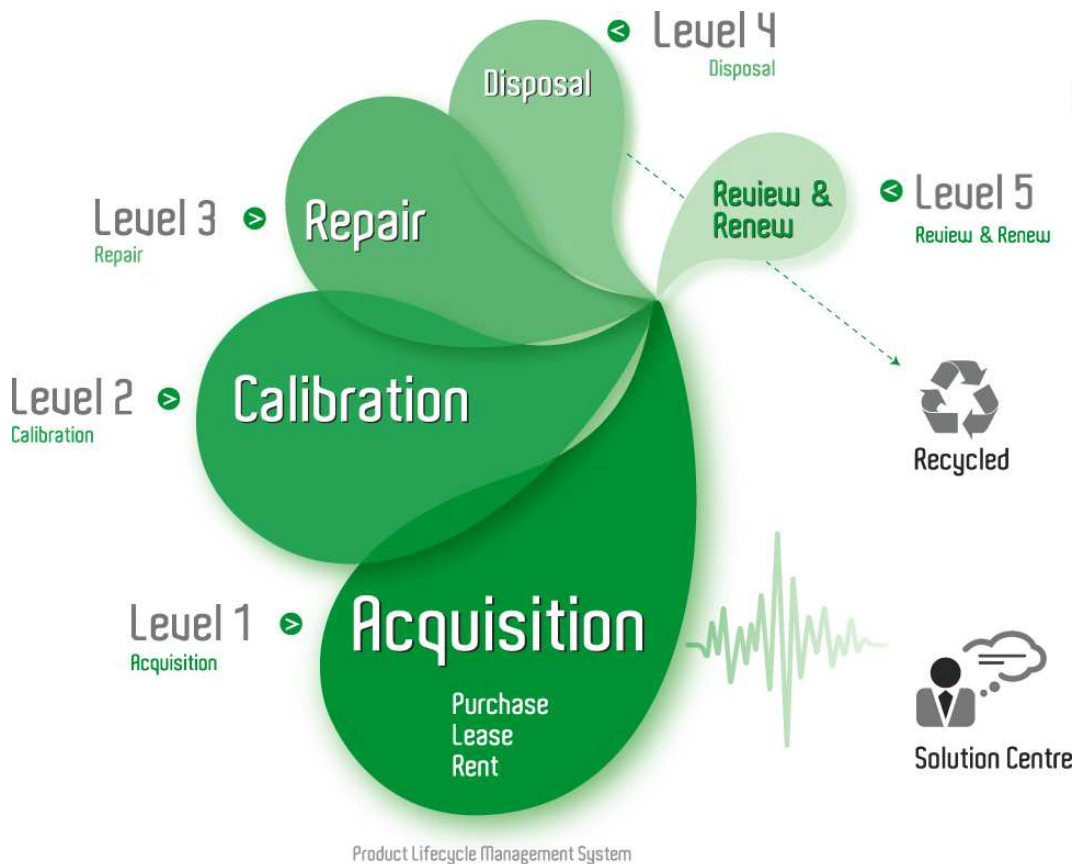
If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



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Product Lifecycle Management System

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

### 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.

### 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.

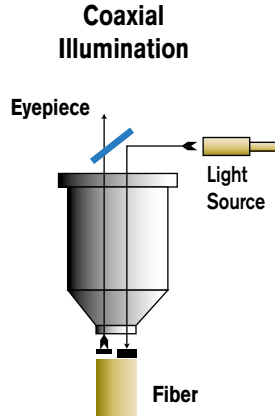
### A Wide Range of Connector Options

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.

# Fiber-Optic Microscope

## 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.



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

FOMSXXXX-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)

## SPECIFICATIONS

### GENERAL SPECIFICATIONS

Size (H x W x D)	22.5 cm x 5.1 cm x 3.2 cm	(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.

Find out more about EXFO's extensive line of high-performance portable instruments by visiting our website at [www.exfo.com](http://www.exfo.com).



### Rugged Handheld Solutions

- OLTS
- Power meter
- Light source
- Talk set



### Optical Fiber

- OTDR
- OLTS
- ORL meter
- Switch

### DWDM Test Systems

- OSA
- PMD analyzer
- Chromatic dispersion analyzer
- Multiwavelength meter

### Telecom/Datacom

- 10/100 and Gigabit Ethernet
- SONET/SDH (DS0 to OC-192c)
- SDH/PDH (64 kb/s to STM-64c)

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