

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.

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.

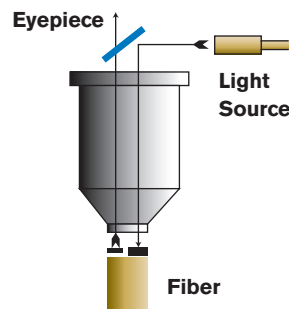
- Ideal for both field and lab use
- Safety filters for eye protection
- Lightweight, ergonomic design
- Rugged, protective cover

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.

Coaxial Illumination



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.

ORDERING INFORMATION

FOMSXXXX-XXXX

Magnification	Connector code	Accessories (adaptor for microscope)	
200x			
400x	UNIV	MOA-UNIV	Universal adapter for 2.5 mm ferrules with slip-grip mechanism
	U12	MOA-U12	Universal adapter for 1.25 mm ferrules with slip-grip mechanism
	APC	MOA-APC	Universal adapter for APC-type 2.5 mm ferrules with slip-grip mechanism
	FCPC	MOA-FCPC	FC adapter
	SC	MOA-SC	SC adapter
	ST	MOA-ST	ST adapter
	E2	MOA-E2	E 2000 adapter
	LC	MOA-LC	LC adapter
	MTP	MOA-MTP	MTP adapter, sliding-carriage type
	MTRJ	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)

Find out more about EXFO's extensive line of high-performance portable instruments by visiting our website at www.EXFO.com.

EXFO Corporate Headquarters > 400 Godin Avenue, Quebec City (Quebec) G1M 2K2 CANADA | Tel.: 1 418 683-0211 | Fax: 1 418 683-2170 | info@EXFO.com

Toll-free: 1 800 663-3936 (USA and Canada) | www.EXFO.com

EXFO America	3701 Plano Parkway, Suite 160 Plano, TX 75075 USA	Tel.: 1 800 663-3936	Fax: 1 972 836-0164
EXFO Europe	Omega Enterprise Park, Electron Way Chandlers Ford, Hampshire S053 4SE ENGLAND	Tel.: +44 2380 246810	Fax: +44 2380 246801
EXFO Asia	151 Chin Swee Road, #03-29 Manhattan House SINGAPORE 169876	Tel.: +65 6333 8241	Fax: +65 6333 8242
EXFO China	No.88 Fuhua, First Road Central Tower, Room 801, Futian District Beijing New Century Hotel Office Tower, Room 1754-1755 No. 6 Southern Capital Gym Road	Shenzhen 518048, CHINA Beijing 100044 P. R. CHINA	Tel.: +86 (755) 8203 2300 Tel.: +86 (10) 6849 2738
		Fax: +86 (755) 8203 2306	Fax: +86 (10) 6849 2662

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 must 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. All of EXFO's manufactured products are compliant with the European Union's WEEE directive. For more information, please visit www.EXFO.com/recycle. 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. Contact EXFO for prices and availability or to obtain the phone number of your local EXFO distributor.

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