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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

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Product Lifecycle Management System

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## The Lightwave SFS

The Digital Lightwave LW SFS is a safe-viewing fiber scope for fiber connector inspection.

The Digital Lightwave LW SFS™ (Safe-viewing Fiber Scope) eliminates the concerns for eye safety resulting from the reliability and verifiability issues of laser filters—particularly while inspecting connector end-faces.

Rather than an optical system with a laser filter for viewing fiber connectors, this new design utilizes a miniature camera and a state-of-the-art micro-display that achieves the unparalleled clarity and resolution associated with industry leading inspection scopes.

The magnification of the unit is equivalent to 400x (23-degree field of view comparable to 8" monitor viewed at a distance of 20") and provides 600x when its video output is displayed on a 12" monitor.



Lightwave SFS (LW SFS)

# The Lightwave SFS

The Lightwave (LW) product series is a comprehensive line of handheld and ultra-compact test equipment for measuring, maintaining, and documenting the physical-layer performance of fiber-optic networks.

## Major Features

- Video technology
- No optical path to your eye
- 400x magnification
- Resolves 3/4 micron scratches
- Universal adapter interface with new "pan and lock" centering mount
- NTSC video output
- Energy-saving automatic shutoff

## Optical Specifications

Magnification	400x equivalent to 8" monitor for 20" distance, 600x on 12" monitor
Adapter Mount	Thread-on (universal)
Safety Filter	Not required—no optical path to user
Video Output	NTSC

Specifications are subject to change without notice.

## General Specifications

Operating Temperature	0° to 50° C
Storage Temperature	-20° to 60° C
Humidity	0 to 90% (non-condensing)
Power Supply	2 AA alkaline batteries, optional AC adapter
Battery Life	10 hours continuous
Indicators	Low battery
Dimensions (H x W x D)	3.5 x 1.5 x 8.5 in (8.9 x 3.8 x 21.6 cm)
Weight	0.94 lb (0.42 kg)



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**Ordering Information** For feature availability, ordering, and pricing information, call +1 727 442 6677 or visit [www.lightwave.com](http://www.lightwave.com).

Digital Lightwave provides industry-leading products, technologies, and services for deploying and managing communications networks. Telecommunications service providers and equipment manufacturers rely on our offerings to develop, install, maintain, and manage high-performance networks. With a presence in more than 80 countries, Digital Lightwave enables customers to successfully implement optical-based networks worldwide. To find the nearest sales office, please visit [www.lightwave.com](http://www.lightwave.com).