

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

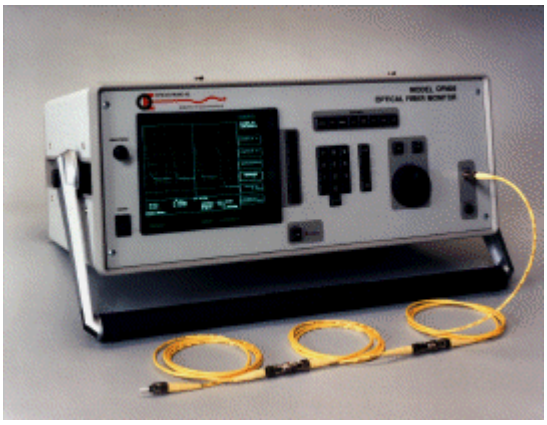
Expert team | Trust guarantee | 100% satisfaction

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The OFM20 OPTICAL FIBER MONITOR

The OFM20 is a unique OTDR designed to operate in the low wavelength region (630 to 1060 nm) with unprecedented sensitivity and resolution. It can be operated in the Fresnel mode to detect return losses as low as -90 dB with single point resolution of a few millimeters. Alternatively, it can be used in the Rayleigh mode to asses minute losses and features otherwise undetectable, here with cm resolution. In the Rayleigh mode measurements are possible on fiber lengths as short as 1 m. This allows for measurements to be performed on most pigtailed components.



Specifications ...

Deadzone	Rayleigh Operation		Less than 30 cm
	Fresnel Operation		Zero
Distance Range	Singlemode		1 mm to 5 km
	Multimode		1 mm to 5 km
Distance Accuracy	Response:		Greater of:
	Normal		±0.01% or ±30 ps
	High		±0.01% or ±150 ps
Distance Resolution	One Point		±1.0 mm
	Two Point		±5.0 cm
Return Loss	Dynamic Range		<75 dB : >75 dB
	Accuracy		±0.5 dB: ±1.0 dB
Insertion Loss: Fresnel	Dynamic Range		>40 dB
	Accuracy: SNR>50		±0.3 dB
Insertion Loss: Rayleigh	Dynamic Range		>20 dB
	Accuracy: SNR>50		±0.02 dB

Standard Models ...

- OFM20 - 810MM50, -810MM62, -810MM100
- OFM20 - 850SM4, -850SM9
- OFM20 - 850MM50, -850MM62, -850MM100
- OFM20 - 904MM50, -904MM62, -904MM100

Custom Models ...

Custom models are available with features such as those listed below. Consult the factory for availability, price and delivery.

- Non-standard wavelength (range 680 to 1060 nm)
- Non-standard fiber sizes
- Non-standard connectors
- Extra output ports

- Optimization for spatial resolution
- Optimization for sensitivity
- Dual wavelength options
- Dual fiber size options
- Wavelength tolerance selection

FOR MORE INFORMATION ...

- Call or E-mail your request for a 60 page booklet describing the OFM series. Included are a series of over 50 short applications notes.
- Peruse an *List of Applications* for which the OFM series has been utilized
- Read the list of detailed *Applications Notes* available.
- Inquire about sample analysis.

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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