

# High resolution optical fiber test instrument

**SCIENTEX**

for large core fiber

Model OTDR-2100GOF-MU

## Measure large core fiber

OTDR-2100GOF-MU is produced to measure optical fiber (Core diameter is 50~1000um).

Select two different optical fibers which is different in core diameter.

It is possible to set up for measuring various optical fibers with the option.

\*Selectable core:

50,62.5,100,200,400,600,800,1000um

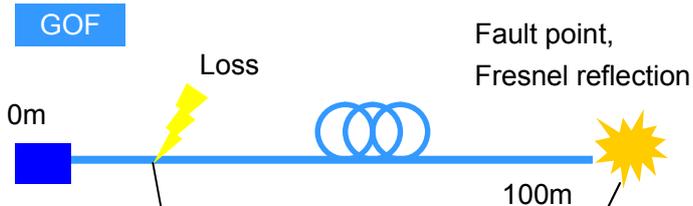


High sensitivity by photon counting mode

Various analysis (defect, transmission loss etc.)

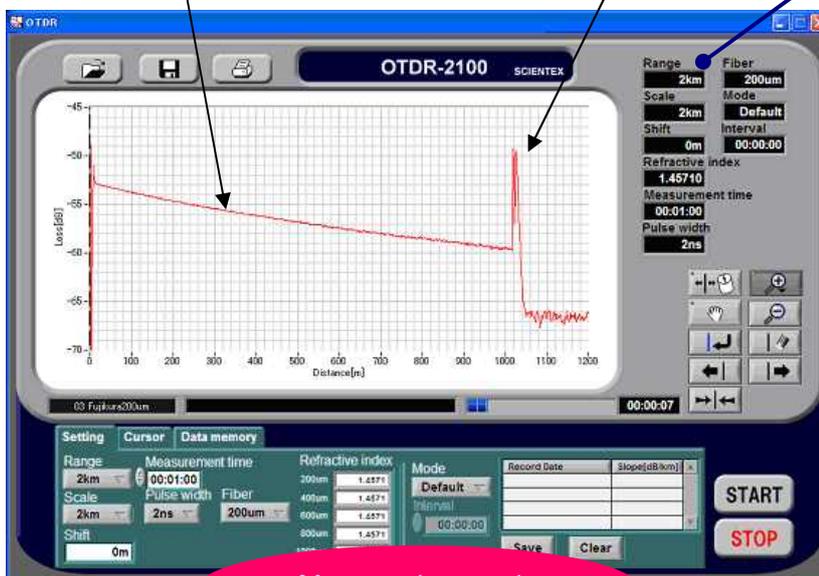
## Measure a defect by high spatial resolution

GOF



High spatial resolution ability :  
1cm (at100m).

Dead zone is very short!!



Measured example

The defect of the optical fiber can be measured with this instrument.

And, operation is easy by the software of the Windows.

## ■Series list

*We can also provide special OTDR on request.*

Model	Range(m)	Material	Wavelength	Core (um)
OTDR-2100GOF-MU-650	1,000	Silica	650	50,62.5,100,200,400,600,800,1000um (Select two different optical fibers which is different in core diameter.)
OTDR-2100GOF-MU-850	1,000	Silica	850	50,62.5,100,200,400,600,800,1000um (Select two different optical fibers which is different in core diameter.)

\* It is possible to set up for measuring various optical fibers with the option.

\*Need to separately contact and quotation to select the option.

## ■The construction of the system

•OTDR-2100

<Accessories> AC adapter, USB cable,

Instruction manual, Notebook computer, Driving Software CD-ROM

\*Couplers for selected fibers

\*Conformable to CE marking  
(EU safety standard)

\* AC100V~240V power supply

## ■Software specification

Windows XP

Real time indication, cursor function, the change of the concern area, expansion, reduction function, loss calculation, indication, data save, reading, printing.

## ■Hardware specification example

(Model :OTDR-2100GOF-850 (corresponding core: 200,400,600,800,1000um))

Measurement wavelength	850nm	Dynamic range	18dB (one way) *
Measurement range	1000m	Distance resolution ability	5.5mm (at the time of the X axis scale 20m)
Connector	FC	Type of fiber	Silica (core: 200,400,600,800,1000um)
Interface	USB2.0	Power supply voltage	DC 12V AC adapter is attached
Power consumption	12W	Environment temperature	+15~+30°C
Weight	About 3.0kg	Dimension	250 (width) × 99 (height) × 300 (depth) mm

\*It depends on the wavelength and the fiber.

\* Windows are registered trademark of the United States Microsoft Corporation in the United states and in other countries.

\*This instrument is possible to test the performance of optical fiber. We don't guarantee against the performance that if you use this OTDR for other purposes.

\*The specification of our product may be changed for the reason such as improvement and the progress of technology without notice.

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## Oversea agency