Add value with
Fiberizer Cloud
www.fiberizer.com

AGIZER
Test and Measurement in Fiber Optics

IIT-LTS Optical Tester

Loss Test Set. Keep it simple.

Extremely rugged (metal-cased) and pocket-sized. Extra long battery life

Hight quality power meter, InGaAs Photodiode with large sensitive area (1000µm) installed right to the optical adaptor on front panel

Frequency detection for fiber identification

ORL Meter and another calibrated power meter (PD coupled to fiber; same port as light source) for bidirectional testing

Changeable optical adaptors both for Power Meter and Light Source

Up to 4-wavelength laser source combined with power meter (6 wavelenghts of calibration)

Client USB software for data transfer and remote control

Check out our mobile OTDR Trace Viewer and
Fiberizer Mobile Client
for iPhone OS and Android OS.

The IIT - LTS Optical Tester

UNIT DESCRIPTION

Base Unit

Display	Graphical high-contrast LCD w/b
Connection with PC	USB
Power supply	Li-Ion Battery 1800mAh (80 hours)
Dimensions	185x83x32
Weight	0.4 kg

Compact and Rugged design

- USB Interface for remote control from PC, data tranfer and battery charging
- Changeable optical adaptors (SC/FC/ST/LC), ***optional***
- Extremely rugged (metal) and easy to use in the field
- Easy to replace battery right in the field if needed

Active Wavelength for Power Meter

Power Meter values in dMb and Wts
(absolute or relative to reference level)

Active Light Source Laser

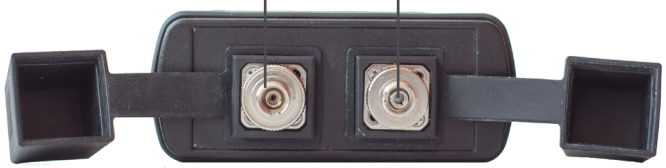
Memory Capacity
store power meter values

Rugged membrane keypads

mini-USB
For Battery charging and
PC connection

Power Meter Port
(Optional)

Light Source / ORL Meter
(Optional)



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Agizer Online Software for all testing instruments

FIBERIZER CLOUD

Fiberizer Cloud is a complete web solution for business process management in fiber optic testing

Add value with
Fiberizer Cloud
www.fiberizer.com

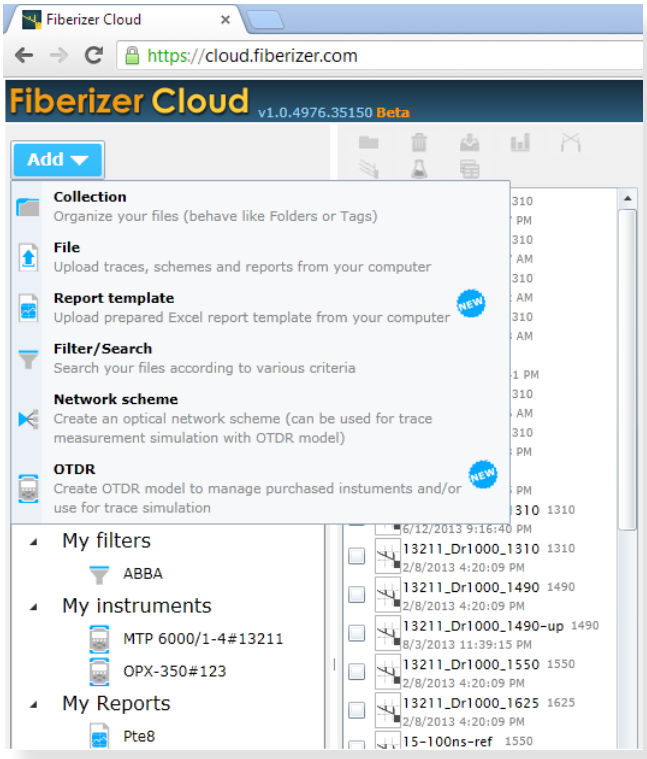
Get access from everywhere

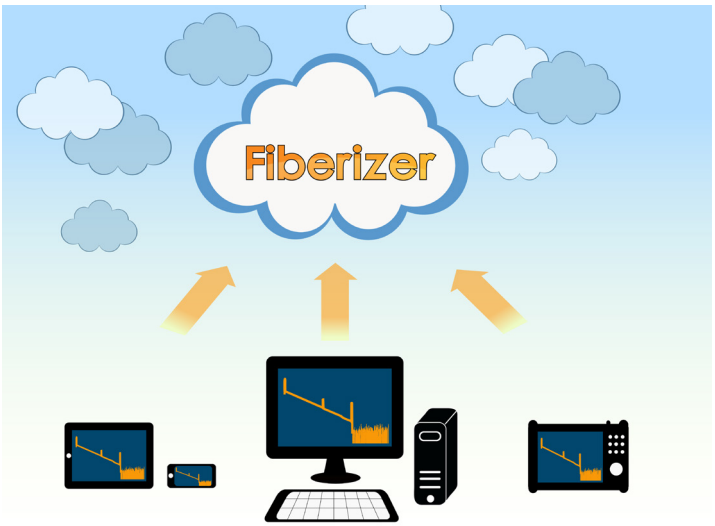
Sign in to your account at home, office or away, on PC, Mac and other devices: iPhone, iPad, Android, and access your online repository of measurement data.

Add support of Fiberizer Cloud to your own OTDR software or tools by using our open API.

Analyze OTDR traces

Fiberizer supports traces from different vendors in Telcordia GR-196 and SR-4731 formats. Bidirectional analysis and template mode comparison are available.





Batch reporting with powerfull customization

Create a PDF ready-to-print report, or an Excel report for further automation. Your report can include your logo, company data and formulas thanks to editable Excel templates.

OTDR Modeling and Simulation

Design your virtual fiber optic line and generate corresponding OTDR traces. Play with OTDR parameters (like Dynamic Range) to see how the trace is changing.

Always up-to-date software

We are continuously implementing new amazing features to Fiberizer Cloud and you will always have the latest version.

Available in two flavors depending on how serious your business needs are:

- public web edition **www.fiberizer.com** with monthly subscription plans
- corporate server installation with user-based licensing

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The IIT - LTS Optical Tester

SPECIFICATION

LIGHT SOURCE

Wavelength, nm	1310 / 1490 / 1550 / 1625 ±20	850 / 1300
Output power, dBm	> -4	
Power level instability, dB	not more than ± 0.05 (15 min)	
Optical connector	Changeable connectors	

POWER METER

Calibration wavelength, nm	1310 / 1490 / 1550 / 1625	650 /850
Power range, dBm:		
- standard (PM1)	-65 … +7	-30 … +3/ -60 … +3
- high (PM2)	-45 … +27	-10 … +23 /-40 … +23
Power measurement accuracy, % (dB)	±5 (±0,22)	±12 (±0,5) /±8 (±0,33)
Linearity, % (dB)	±2,5 (±0,11)	±6 (±0,25) /±4 (±0,17)
Resolution, dB	0.01	0.01

The IIT - LTS Optical Tester

HOW TO ORDER

Please email us the following string to order the OTDR (see the list of our official dealers at the end)

IIT - LTS - XXXX - XX - XX

Example: IIT-LTS - LS15-PM1- U3N

Device Type

Light Source

LS15 - Wavelengths 1310/1550

LS14 - Wavelengths 1310/1490/1550

LS16 - Wavelengths 1310/1550/1625

LS85 - Wavelengths 850/1300

* Light Source is not installed by default

Power Meter

PM1 - range -65 ... +7 dBm

PM2 - range -45 ... +27 dBm

* The option is not installed by default

LS connectors

U3N - (UPC Changeable ST/SC/FC) no Key.

U3K - (UPC Changeable ST/SC/FC) with Key

A3K - (APC Changeable ST/SC/FC) with Key

U4K - (UPC Changeable ST/SC/FC/LC) with Key

A4K - (APC Changeable ST/SC/FC/LC) with Key

UFC , USC, AFC, ASC

* UFC is installed by default

Power Meter connectors are always changeable.

CONTACT US

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