



Add value with  
**Fiberizer Cloud**  
www.fiberizer.com

# AGIZER

Test and Measurement in Fiber Optics

## OPX-LTS+ Series

Much more than a regular optical tester

PON power meter, wavelength detection

High quality power meter, InGaAs Photodiode with large sensitive area (1000 $\mu$ m) installed right to the optical adaptor on front panel

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

Fault locator, detects distance to the event

Frequency detection for fiber identification  
Digital talk set

Up to 4-wavelength laser source combined with power meter (6 wavelengths 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.

# UNIT DESCRIPTION

## Base Unit

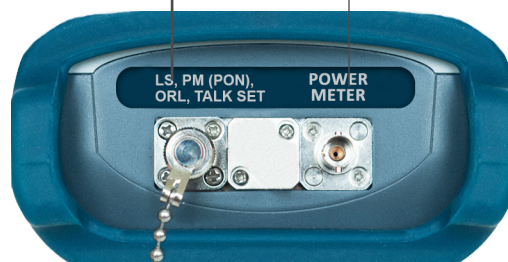
Display	3,5" TFT 16-bit color (*touchscreen)
Connection with PC	USB, ActiveSync, WMDC
Power supply	Li-Ion Battery 3100mAh (9 hours)
Dimensions	163 x 93 x 51 mm (*w/o rubber boot)
Weight	0.7 kg

## Compact and Rugged design

- USB-A Host Interface for USB flash drives and fiber inspection probe connection
- Changeable optical adaptors (SC/FC/ST/LC)
- Rugged and easy to use in the field
- Easy to replace battery right in the field if needed

**Multi-rose Port**  
Light Source, Power Meter  
(PON wavelengths),  
ORL Meter, Digital Talk Set

**Power Meter Port**  
PD right in the connector

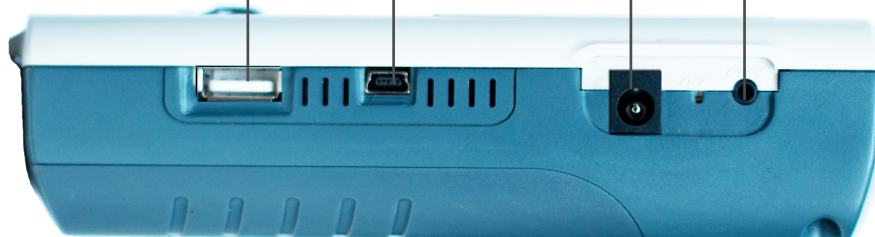


**USB B**  
For data transfer to PC and for firmware update

**USB A**  
For a USB flash drive or  
the Fiber inspection probe

**AC Adapter**

**Headphones and microphone**



# FIBERIZER CLOUD

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



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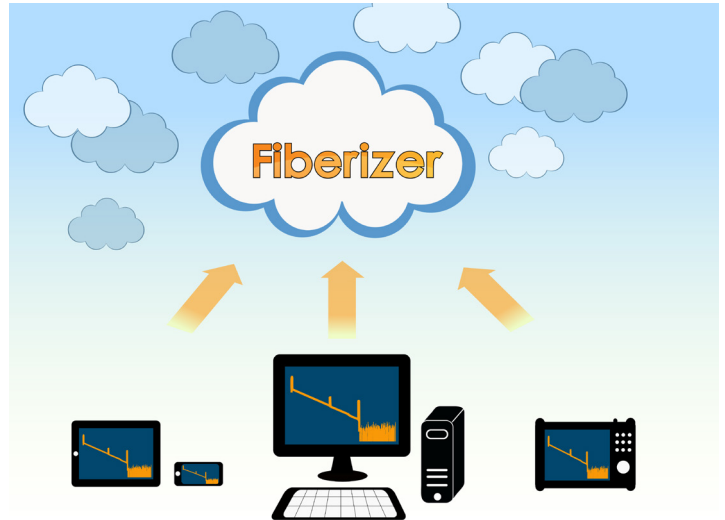
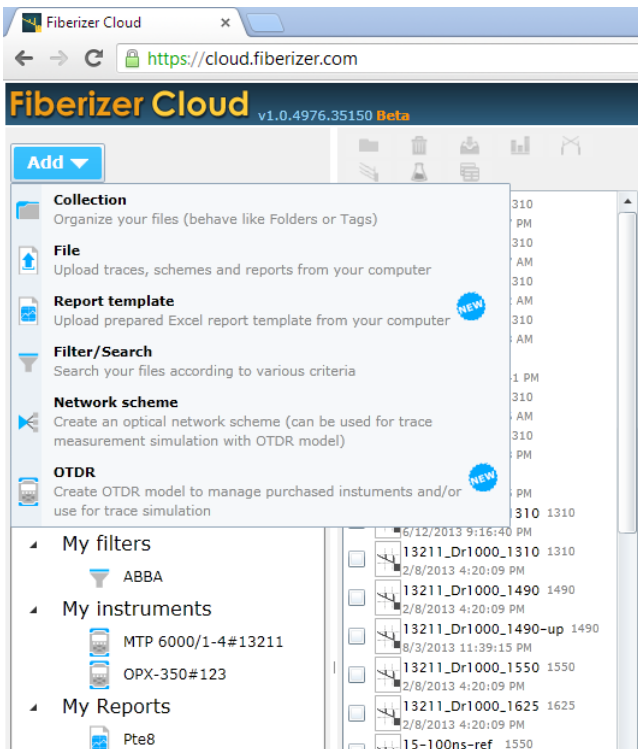
### Get access from everywhere

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 powerful 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

# 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

# HOW TO ORDER

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

OPX-LTS - XXXX - XX - XX - XX - XX - XX

**Device Type**

**Light Source**

LS15 - Wavelengths 1310/1550

LS14 - Wavelengths 1310/1490/1550

LS16 - Wavelengths 1310/1550/1625

LS85 - Wavelengths 850/1300 (no talk set available for this)

\* **LS15** installed by default

*Example: OPX-LTS - LS14-PM1 -U3N*

## **Power Meter** Front Panel (Optional)

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

# RELATED PRODUCTS

Device Type	BASE	OPTIMA	PRO	PROM	LS	PM	VFL
OPX-350	■	■	■	■	■	■	■
OPX-BOX	■	■	■	■	■	■	■
OPX-RTU	■	■	■	■	■	■	■
OPX-970	■	■	■	■	■	■	■
IIT-6000	■	■	■	■	■	■	■
IIT-9000	■	■	■	■	■	■	■



OPX-350



OPX-BOX



OPX-RTU



IIT-6000



IIT-9000

# CONTACT US

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## OFFICIAL DEALERS

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Email: [info@intellitysystems.com](mailto:info@intellitysystems.com)  
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Asia      **Intellimax Systems HK Limited**  
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Email: [sales@intellimaxsystems.com](mailto:sales@intellimaxsystems.com)

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+ 375 17 327 13 48  
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Email: [sales@beliit.com](mailto:sales@beliit.com)  
[www.beliit.com](http://www.beliit.com)

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