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Fiberizer Cloud
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AGIZER

Test and Measurement in Fiber Optics

IIT-6000 Series

If You Need More Power for Your Fiber Testing

Rugged (metal) and compact high-end OTDR. High Dynamic Range models (up to 43dB) are available in this body

Wide and super contrast LCD (from PSP) for convenient trace analysis right in the field.

Beginners mode with fully automated trace diagnostic . One button setup and events detection.

FTTx/PON optimized parameters. Perfect deadzones for 1xN splitter as well as normal events with reflection.

Live OTDR port for in-service measurements and Live fiber detection with embedded power meter

Optional power meter, light source, fiber inspection probe and VFL.

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



UNIT DESCRIPTION

Base Unit

Display	4,3" TFT 16-bit color touchscreen
Connection with PC	USB, ActiveSync, WMDC
Power supply	Li-Ion Battery 3100mAh (9 hours)
Memory	built-in 256 Mb, USB drive, SD
Dimensions	226x149x43 mm
Weight	1.5 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). Optional APC for low reflection.
- Optional WiFi for flexible connectivity with Fiberizer software
- Rugged (metal) and easy to use in the field



RELIABLE FIRMWARE

It knows what you need

After many years of collecting user feedback about hand-held instruments usage in the field, we have most of the common cases well optimized.

It is easily updated via USB

Recent updates are always available at www.agizer.com.

We are constantly improving our software and firmware to deliver better user experience and job performance for you.

It works for novices...

All measurement functions are automated and intuitive:

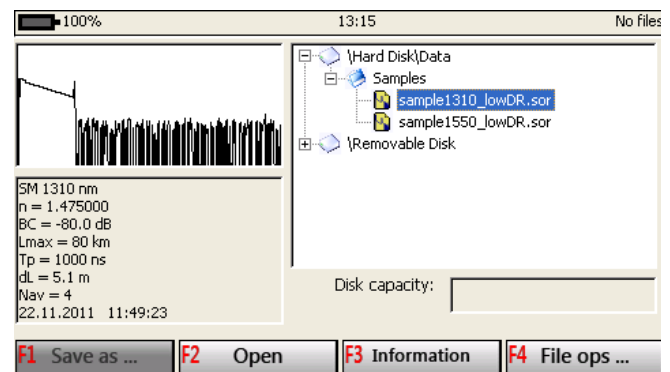
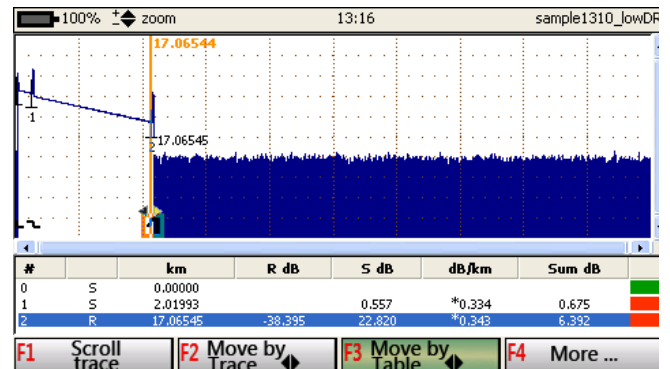
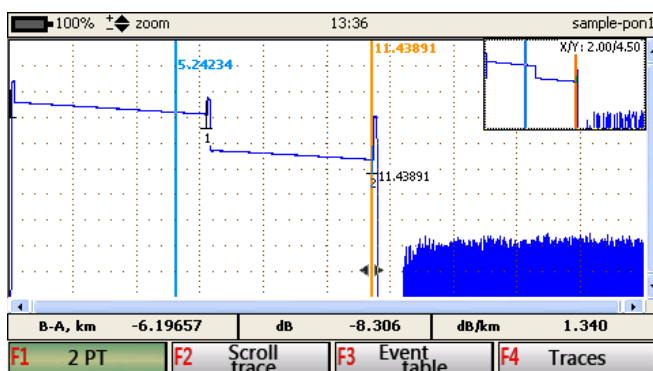
- Get total trace attenuation and length
- Get optimal measurement parameters and trace
- Get full events table (3 pulse widths used automatically)

... as well as for advanced users

You can employ advanced LSA technique with 5 markers to measure splice parameters or to add an event manually.

It stores your trace files as SOR or PDF

You can use our novelty way of saving trace files—generating a PDF file right on the device with SOR source files attached.



Other Features:

- Live mode—Trace is updated continuously to make adjustments
- Auto-zoom of highlighted events
- Multi-wavelengths measurement by one start
- Automated report saving and file-naming by user-defined mask
- Handy template to compare many similar traces (for example, the same cable cores)

Agizer Online Software for all testing instruments

FIBERIZER CLOUD

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



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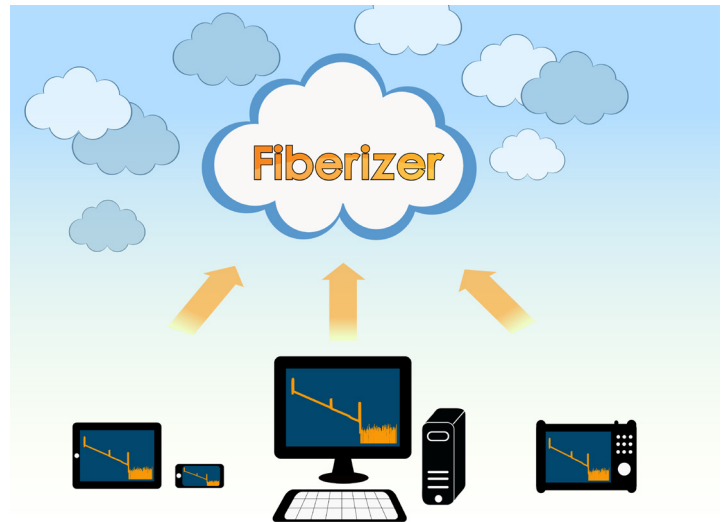
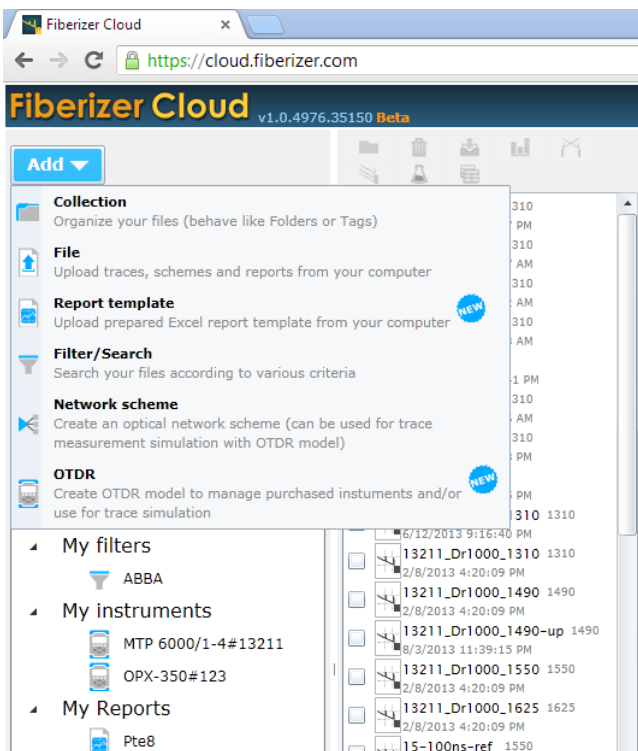
Get access from everywhere

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

** please check "How To Order" page for available models*

OTDR Parameters		Singlemode	Multimode
BASE	Wavelength	1310/1550	850/1300
	Dynamic Range	27/25	22/22
	Event/Attenuation Dead Zone	2/10	2/10
OPTIMA	Wavelength	1310/1490/1550//1625	850/1300
	Dynamic Range	36/34/34//38	25/27
	Event/Attenuation Dead Zone	1/4	1/4 (*850nm - 2/10)
PRO	Wavelength	1310/1490/1550//1625	850/1300
	Dynamic Range	39/35/36//39	28/30
	Event/Attenuation Dead Zone	1/4	1/4
PROM	Wavelength	1310/1490/1550//1625	N/A
	Dynamic Range	43/38/43//41	
	Event/Attenuation Dead Zone	2/5	
	Attenuation resolution, dB	0.001	
	Distance measurement accuracy, m	$\pm(0.5 + \text{resolution} + 5 \times 10^{-5} \times L)$	
	Attenuation measurement accuracy, dB/dB	0.05	
	Sampling resolution, m	0.16 ... 7.6	
	Sampling points	up to 128 000	
	Optical connectors (changeable)	FC, ST, SC	
	Pulsewidth, ns	6, 25, 100, 300, 1000, 3000, 10000, 20000	
	Distance range, km	5, 10, 20, 40, 80 120, 160, 240	

LIGHT SOURCE

Wavelength, nm	1310 / 1550 / 1625 ± 20	850 / 1300
Output power, dBm	> -4	N / A
Power level instability, dB	not more than ± 0.05 (15 min)	N / A
Optical connector	shared with OTDR (same port)	N / A

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 ($\pm 0,22$)	± 12 ($\pm 0,5$) / ± 8 ($\pm 0,33$)
Linearity, % (dB)	$\pm 2,5$ ($\pm 0,11$)	± 6 ($\pm 0,25$) / ± 4 ($\pm 0,17$)
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)

IIT-6000 - XXXX - XX - XX - XX - XX - XX - XX

Device Type

Model

PRO-15 - Wavelength 1310/1550

PRO-16 **LIVE** - Wavelength 1310/1550//**1625**

PRO-14 - Wavelength 1310/1490/1550

PRO-17 **LIVE** - Wavelength 1310/1490/1550//**1625**

PRO-85 - Wavelength MM 850/1300

PRO-5 - Wavelength 1500

PRO-6 **LIVE** - Wavelength 1625

PRO-QUAD - Wavelength 850/1300//1310/1550

PROM-15 - Wavelength 1310/1550

PROM-16 **LIVE** - Wavelength 1310/1550//**1625**

PROM-14 - Wavelength 1310/1490/1550

PROM-17 **LIVE** - Wavelength 1310/1490/1550//**1625**

PROM-5 - Wavelength 1500

PROM-6 **LIVE** - Wavelength 1625

Example: IIT-6000 - PRO-16 LIVE - U3N - U3N - LS - VFL

CW Mode (Optional)

LS - Single Mode

* The option is not installed by default

Power Meter (Optional)

PM1 - range -65 ... +7 dBm

PM2 - range -45 ... +27 dBm

* The option is not installed by default

VFL (Optional)

VFL - if applicable.

* The option is not installed by default

OTDR connectors (Optional)

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

* U3N is installed by default

The Agizer OTDR

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



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CONTACT US

AGIZER MAIN OFFICE

Europe Tel: +370 60512523
Address: Gelvonu str. 2, Vilnius LT-07149, Lithuania
Email: info@agizer.com
www.agizer.com

OFFICIAL DEALERS

USA **Intellity Systems, Inc.**
Tel: +408 7025944
Mailing Address: 16410 NE 20th Street, Bellevue, WA 98008 USA
Email: info@intellitysystems.com
www.intellitysystems.com

Asia **Intellimax Systems HK Limited**
Tel: +86 13701335117
Address: Room 1701,111 Leighton Road, Causeway Bay, Hong Kong
Email: sales@intellimaxsystems.com

Eastern
Europe **Institute of Information Technologies**
Tel: + 375 17 327 23 52,
+ 375 17 327 13 48
Address: Oktyabrskaya st., 19/5, office 306, 220030, Belarus, Minsk,
Email: sales@beliit.com
www.beliit.com

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