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LTB-8 Rackmount Platform

BRING POWER TO YOUR LAB



PART OF THE
EXFO | FTB Ecosystem

EXFO TFv
Test Function Virtualization

EXFO | MULTILINK

SPEC SHEET

The LTB-8 is a powerful, scalable, eight-slot rackmount platform designed for advanced lab and manufacturing applications.

KEY FEATURES AND BENEFITS

Two Configurations: Stand-alone or managed infrastructure for simultaneous multi-user control

Flexible and Scalable: Compact 3U solution with high-level module density for in-rack or tabletop applications

Hot Swappable: Intelligent module with hot-swap capability, enabling a quick transition from platform to platform, or from rackmount platform to portable platform without powering down

Industrial-Grade Computer Design: Simple, easy-to-use design powered by a quad-core processor with Microsoft Windows 8.1 Pro operating system

Out-of-band management: Optimal remote access for maintenance or initial setup using the Intel® Active Management Technology (Intel® AMT)

Connectivity: USB3, LAN, Sync and AMT port for maximum connectivity options

Increased Performance and Data Reliability: RAID 1 mirroring for redundancy and data protection

Automation: Power and flexibility to run automation software and protocol scripts without an external personal computer

Multi-User Sharing: Efficient utilization of test resources and minimization of capital expenditures (CAPEX)

COMPLEMENTARY PRODUCTS AND APPLICATIONS



Fiber Inspection Probe
FIP-400B



100G Multiservice Test Module
FTBx-88200NGE



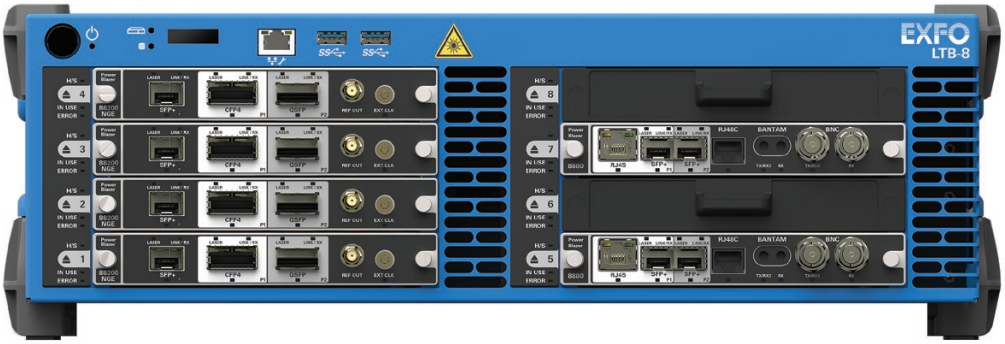
10G Multiservice Test Modules
FTBx-8870/8880



Multi-User Interface
EXFO Multilink

EXFO'S LTB-8 PLATFORM

The LTB-8 first-in-class platform is a versatile solution addressing numerous transport and datacom applications. Whether in the design lab or during the manufacturing process, the LTB-8 provides users with added versatility and power for today's complex network.



THE WINDOWS 8.1 PRO ADVANTAGE

Stay productive and connected while on the move with Windows-compatible applications and services.

Applications

Use them the way you always have. Microsoft Office Suite (i.e., Word, Excel and PowerPoint), and other programs you count on can be installed on EXFO's LTB-8 so you can work the way you are used to working.

Best User Experience

› Faster start time

› Multitasking

Familiar Desktop

› File explorer

› Boot to desktop

› Start button

Remote Connectivity

› Windows remote desktop

Apps for Everyone

› Skype

› Microsoft OneDrive

› Windows store

TRANSPORT AND DATACOM MULTISERVICE TEST MODULES



FTBx-88200NGE Power Blazer

- 40G/100G CFP4 and QSFPx high-speed module
- Fully loaded, Ethernet testing including 10 GigE, RFC 6349 and EXFO's iSAM for 100G testing
- OTN multistage, multiplexing testing capabilities with ODU0 and ODUflex support
- Up to FC16X Fibre Channel true wire-speed traffic generation and monitoring



FTBx8870/8880 Power Blazer

- Fully loaded, Ethernet testing including 10 GigE dual ports, OTN, RFC 6349 and EXFO's iSAM for 100G testing
- SONET/SDH, DSn/PDH, ISDN PRI, FTTA, Fibre Channel and packet synchronization

FIBER CONNECTOR INSPECTION AND CERTIFICATION—THE ESSENTIAL FIRST STEP



Taking the time to properly inspect a fiber-optic cable can prevent a slew of problems down the line–saving you time, money and headaches.

FIP-430B | The First Fully Automated Fiber Inspection Probe for the Field

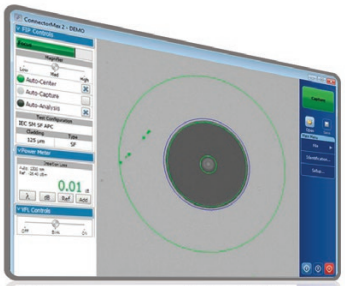
Housing a unique automatic focus adjustment system, the FIP-430B automates each operation in the connector endface inspection sequence, transforming this critical process into one quick and easy step, which can be performed by technicians of all skill levels.

100% Automated [a] | **1-step** process [a] | **57%** shorter test time [b]

THREE MODELS TO FIT YOUR BUDGET

FEATURES

	Basic **FIP-410B**	Semi-Automated **FIP-420B**	Fully-Automated **FIP-430B**
Three magnification levels	√	√	√
Image capture	√	√	√
Five-megapixel CMOS capturing device	√	√	√
Automatic fiber image-centering function	X	√	√
Automatic focus function	X	X	√
On-board pass/fail analysis	X	√	√
Pass/fail LED indicator	X	√	√



Read the FIP-400B specification sheet or visit www.EXFO.com/keepthefocus for more information.

Notes

a. Model FIP-430B only.

b. Data sourced from EXFO's case study, with calculation based on typical analysis time.

SOFTWARE TEST TOOLS

These platform-based software testing tools enhance the value of the LTB-8 platform, providing additional monitoring and inspection testing capabilities.

SOFTWARE APPLICATIONS

ConnectorMax2

Providing lightning-fast results in the first step of fiber-link testing, ConnectorMax2 is a powerful platform-based, automated inspection application; it delivers quick pass/fail assessment of connector end faces and is specifically designed to save both time and money in the field and in the lab.

THIRD-PARTY TEST TOOLS

Wireshark

This live-network packet-capture utility makes it possible to look “inside” the packets and obtain data such as transmission time, source, destination, protocol type, etc. Users can then diagnose a problem or root out suspicious behavior.

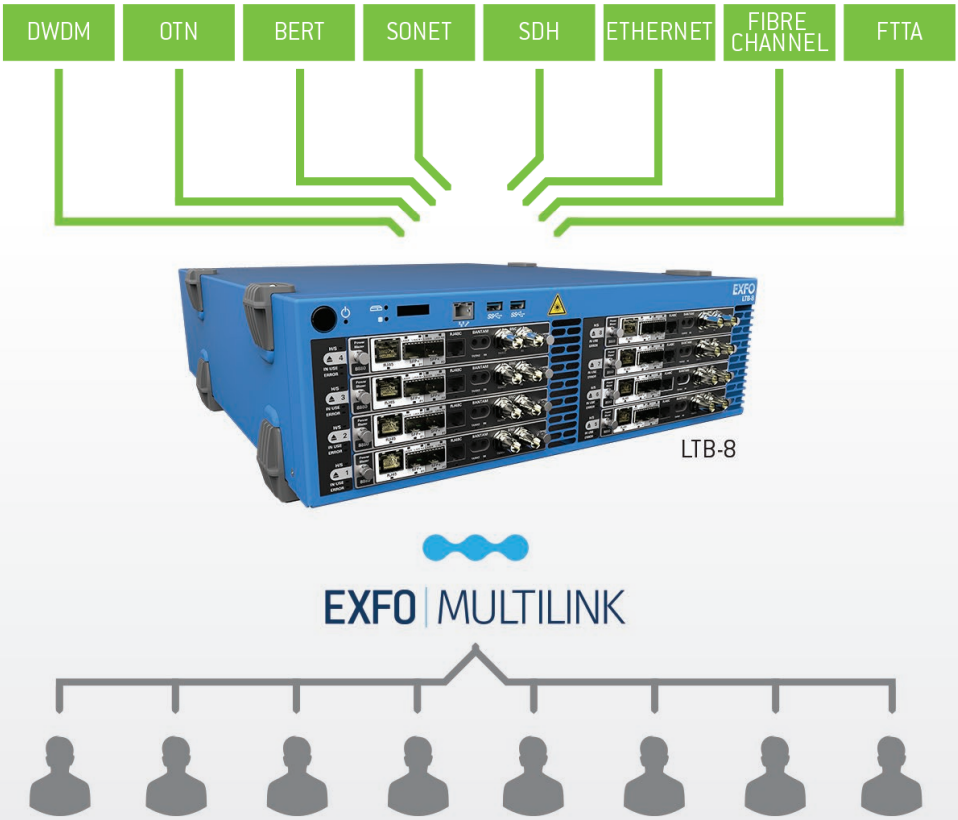
INTEL® ACTIVE MANAGEMENT TECHNOLOGY (INTEL® AMT)

Remotely manage the platform (out-of-band management) without being dependent on the operating system or the state of the unit. The AMT web-based application simplifies the out-of-the-box experience and as an open-source solution, allows programmable remote troubleshooting recovery with extended capabilities and increased effectiveness.

EXFO MULTILINK

EXFO | MULTILINK

The value of connectivity resides in the ability to access your EXFO platform anywhere, using any mainstream Web browser. EXFO Multilink is a multi-user, multichassis and multimodule software application that enables remote control access of each chassis and module through a centralized dashboard.



EXFO TFv
Test Function Virtualization

EXFO TFv

EXFO TFv—Test Function Virtualization is the industry's first suite of defined offerings that focuses on test function virtualization. EXFO TFv offers all the benefits of virtualization through the seamless enablement of test functions on any EXFO test asset, at any time. This suite is ideal for lab managers who are looking to scale their testing requirements to their specific user needs. Under the EXFO TFv umbrella are FTB Anywhere floating licenses and FTB OnDemand time-based software licenses.

Benefits:

- Maximizes ROI on test equipment expenditures
- Provides financial flexibility with spending options tailored to CAPEX and/or OPEX
- Optimizes test-asset investments and ensures the timely availability of required test functionality
- Enables carriers to gradually increase their test capabilities to match the rollout of new service offerings

FTB Anywhere: Floating Test Licenses

FTB Anywhere allows EXFO's platform users to share floating test licenses and get the required functionality–anywhere, anytime. In short, the customer owns the software licenses and can share them between EXFO's platforms.

FTB OnDemand: Time-Based Software Licenses

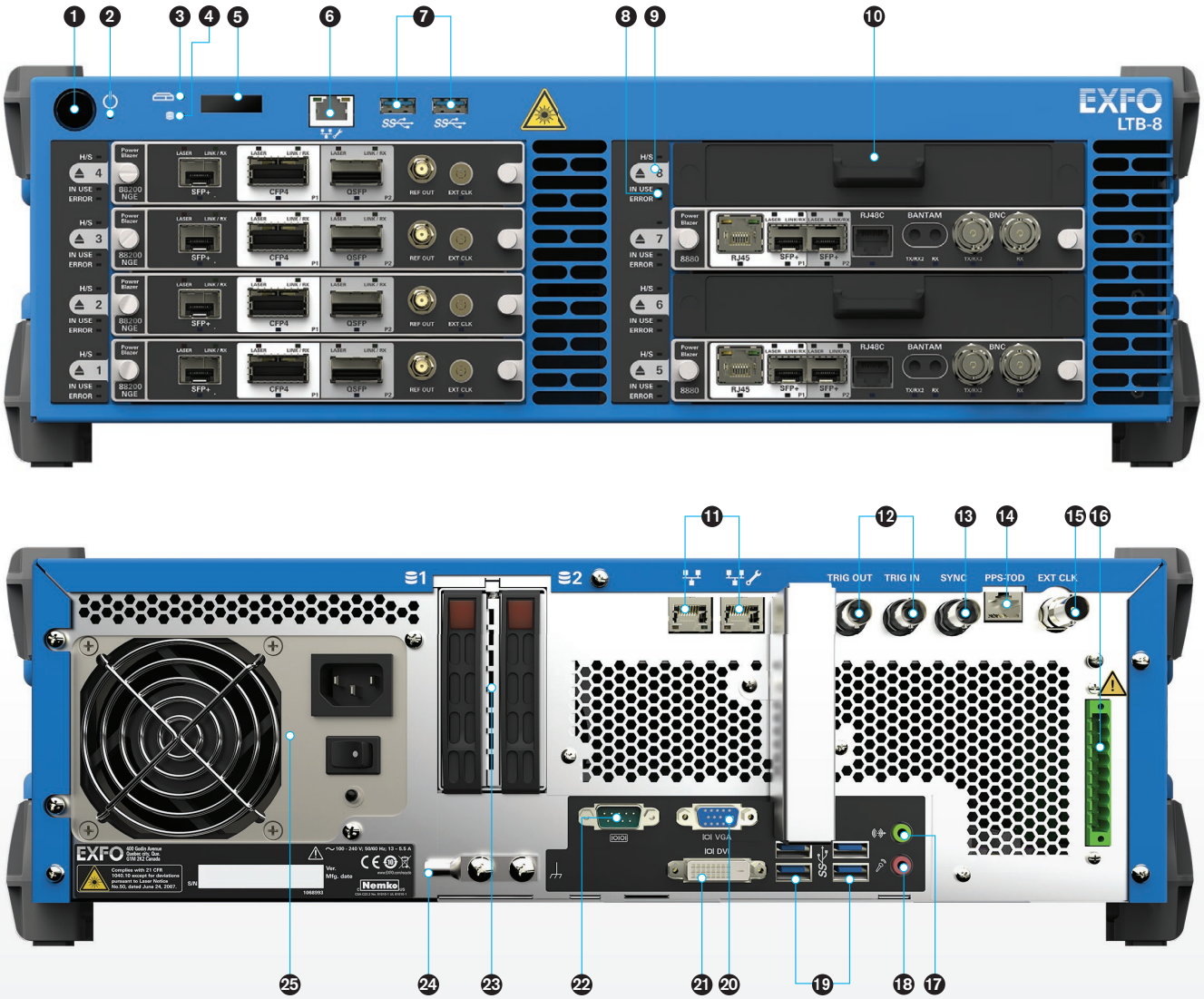
Part of EXFO TFv, FTB OnDemand allows customers to activate a wide range of test functionalities (e.g., 100G testing) for a specific period of time to match their exact needs. This flexibility is perfect for situations where a test function is only needed for a specific project or for a new service that is still in the early ramp-up stage.

EXFO

ADAPTED FOR DEDICATED APPLICATIONS. DEDICATED TO HELPING YOU ADAPT.

Thanks to its small format, ultra-powerful processing and highly intuitive interface, the LTB-8 is optimized to enable lab users to carry out dedicated Ethernet and OTN test applications simply and efficiently.

1. Power button
2. Power LED
3. Status LED
4. Hard disk LED
5. System information display
6. Ethernet management port
7. USB 3.0 ports (2)
8. Module status LEDs
9. Module eject button
10. Module slots (eight available in total)
11. Ethernet ports
12. BNC trigger ports (in and out)
13. BNC sync port
14. RJ45 time-of-day port
15. BNC external clock
16. Dry contact relays
17. Audio port
18. Microphone port
19. USB 3.0 ports (4)
20. Video port (VGA)
21. Video port (DVI)
22. Serial port
23. Hard disk drive bay
24. Grounding lug
25. Power supply



SPECIFICATIONS[a]

Mainframe	Quad-core Intel processor/16 GB RAM/Windows 8.1 Professional OS	
Interfaces	› RJ45 LAN 10/100/1000 Mbit/s › USB 3.0 port › DVI and VGA video ports	› Serial RS-232 port › Headset and microphone ports
Storage	256 GB SSD internal memory (flash)	
Power supply	AC input: ⏦ 100 V – 240 V; 50/60 Hz; 10 – 4.2 A	

GENERAL SPECIFICATIONS

Size (H x W x D)[b]	154 mm × 459 mm × 558 mm (6 1/8 in x 18 1/8 in x 22 in)
Weight	15.5 Kg (34.2 lb)
Temperature Operating Storage	 0 °C to 40 °C (32 °F to 104 °F) –40 °C to 70 °C (–40 °F to 158 °F)
Relative humidity	0 % to 80 % non-condensing

ACCESSORIES

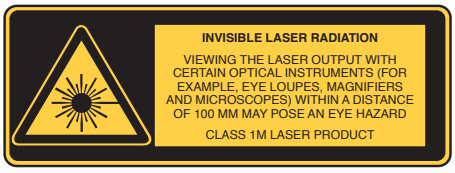
GP-10-101	Ruggedized carrying case	GP-2257	Rackmount brackets (kit of two)
GP-130	GPIB cable (6 feet/2 meters)	GP-2258	USB to GPIB adapter
GP-2016	RJ45 LAN cable (10 feet)	GP-2259	Benchtop feet pads
GP-2256	FTBx module slot blank cover		

Notes

a. All specifications valid at room temperature.

b. Size only includes feet and not rackmount bracket.

LASER SAFETY



ORDERING INFORMATION

LTB-8-XX-XX-XX

Additional Hard Drive
00 = Without extra hard drive
RHD = Raid extra hard drive

Inspection Probe Base Tips [a]
APC = Includes FIPT-400-U25MA and FIPT-400-SC-APC
UPC = Includes FIPT-400-U25M and FIPT-400-FC-SC

Inspection Probe Models
00 = Without inspection probe

FP410B = Digital video inspection probe [b]
Triple magnification

FP420B = Analysis digital video inspection probe [b]
Automated pass/fail analysis
Triple magnification
Autocentering

FP430B = Automated analysis digital video inspection probe [b]
Automated focus
Automated pass/fail analysis
Triple magnification
Autocentering

Example: LTB-8-RHD-FP-420B-APC

Notes

a. Available if inspection probe is selected. For more information concerning all available optional tips, please visit EXFO.com/FIPtips.

b. Includes ConnectorMax2 software.

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EXFO serves over 2000 customers in more than 100 countries. To find your local office contact details, please go to **www.EXFO.com/contact**.

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For the most recent version of this spec sheet, please go to the EXFO website at www.EXFO.com/specs.

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