

# EXFO's OmniBER Replacement Program

More value.  
More capabilities.  
More flexibility.

# Is your OmniBER leaving you with a high cost of maintenance and no technical support?

The EXFO OmniBER Replacement Program can help you eliminate issues and risks associated with the discontinuation of the OmniBER product lines.

EXFO's program offers valuable packet testing capabilities required for today's next-generation networks, unbeatable trade-in credits and flexible options that future-proof your solution—all with the level of support you can expect from a global leader in test and measurement.

## EXFO's OmniBER Replacement Program

### TRADE UP TO COST SAVINGS AND PERFORMANCE

1

#### TRADE-UP ADVANTAGE

Meet today's SONET/SDH and OTN testing requirements and gain Ethernet and Fibre Channel packet testing capabilities with EXFO's FTB/IQS-8130NGE Power Blazer.

2

#### TRADE-IN CREDITS

Eliminate high cost of maintenance and reduce total cost of ownership (capex) with attractive trade-in credits when replacing an OmniBER product:

- \$5,000 credit for a 2.5G OmniBER (J7232A and 37718A)
- \$10,000 credit for a 10G OmniBER (J7230A)

3

#### FLEXIBILITY

Configure the FTB/IQS-8130NGE Power Blazer to address current and future testing requirements through flexible software options—no hardware upgrade is required.

4

#### AUTOMATION SUPPORT

Take advantage of comprehensive automation translation service of existing OmniBER scripts for seamless transition:

- Full support of TCL, SCPI, LabVIEW drivers
- Professional services for script translation—bundled for large deals

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#### PRODUCT SUPPORT

Access free web-based training with an EXFO expert to optimize productivity.

## The FTB/IQS-8130NGE Power Blazer at a glance:

### SONET/SDH

OC3/STM1 to OC192/STM64

Service disruption measurements

Payload block and replace

Multichannel analysis up to 10G

Monitor and intrusive modes

### OTN (ITU-T G.709)

OTU1

OTU2/1e/2e

ODU-Mux

10GigELAN-GFP-OTU2

Monitor and intrusive modes

### NEXT-GEN SONET/SDH

GFP

LO/HO-VCAT

Differential delay Tx/Rx

LCAS with full state machine control

Ethernet drop and insert

### ETHERNET

10/100/1000M, Gig-E,  
10GigE LAN/WAN

BERT, RFC 2544, frame analyzer

Bidirectional RFC

Per stream statistics, advanced filtering,  
PBB-TE/MPLS, IPv4/v6

### FIBRE CHANNEL

1x/2x/4x/10x Fibre Channel BERT

Fabric and port login

B2B credit estimation

Round-trip latency



# EXFO's FTB/IQS-8130NGE Power Blazer vs. the OmniBER

FEATURES		FTB/IQS-8130NGE Power Blazer	OmniBER
General Capabilities	T1/E1 to OC-192-STM-64	•	•
	10M to 10G Ethernet LAN/WAN	•	
	1x/2x/4x/10x Fibre Channel	•	
	Jitter		•
	LAPS (X.86)		•
Platform Features	Built-in scripting macro-recorder	•	
	Reports generation	•	
	Power-up and restore	•	•
	Store and load configurations	•	•
	Configurable test timer	•	•
	Remote management	•	•
	Test "favorites"	•	
	Screen capturing	•	•
DSn/PDH and SONET/SDH	DS1, DS3, E1, E3, E4	•	•
	STS-1e/STM-0e/52M	•	•
	STS-3e/STM-1e/155M	•	
	144 Mbit/s, 622 Mbit/s, 2.5 Gbit/s and 10 Gbit/s	•	•
	External clock DS1/1.5M and E1/2M	•	•
	Trigger 2 MHz	•	
	Error/alarm insertion/measurement	•	•
	Programmable errors and alarms	•	•
	PRBS and user patterns	•	•
	Overhead manipulation/monitoring	•	•
	Overhead capture	• (K1/K2 bytes)	•
	Tandem connection monitoring	•	•
	Performance monitoring	•	•
	Frequency offset and analysis	•	•
	Power measurement	•	•
	Pointer adjustment and analysis	•	•
	Synchronization status (S1) control and monitoring	•	•
	Signal label (C2) control and monitoring	•	•
	Automatic protection switching (APS)	•	•
	Service disruption time (SDT)	•	•
	Round-trip delay (RTD)	•	•
	Dual DS1/DS3 receiver	•	
	Decoupled mode	•	•
	Intrusive Through mode	•	•
	DS1 FDL	•	•

# EXFO's FTB/IQS-8130NGE Power Blazer vs. the OmniBER

FEATURES		FTB/IQS-8130NGE Power Blazer	OmniBER
DSn/PDH and SONET/SDH	DS1 in-band loop codes	•	•
	Fractional T1/E1 testing	•	•
	DS3 FEAC	•	•
	M13 mux/demux	•	•
	Signal auto-discovery (SmartMode)	•	•
	Ref-out interfaces	•	•
Next-Generation SONET/SDH	GFP-F, VCAT and LCAS	•	•
	GFP-F alarms/errors generation and monitoring	•	•
	GFP-F overhead manipulation and analysis	•	•
	GFP-F statistics	•	•
	GFP-F over contiguous or VCAT containers	•	•
	HO and LO VCAT	•	•
	VCAT alarm/error generation and monitoring	•	•
	VCAT sequence indicator manipulation and processing	•	•
	Differential delay generation/analysis	•	•
	LCAS source/sink state machine control and monitoring	•	•
	LCAS alarm/error generation and monitoring	•	•
	Ethernet-over-SONET/SDH	• (add/drop port)	• (internal generator)
	10/100/1000BaseT and GigE add/drop ports	•	
OTN (ITU-T G. 709)	Standard OTU1 (2.7G) and OTU2 (10.7G)	•	•
	Over-clocked OTU1e (11.05G) and OTU2e (11.1G)	•	
	OTN mapped traffic as per ITU-T G.709	•	
	Mapping SONET/SDH within OTN	•	•
	FEC testing capability	•	•
	OTN decoupled mode	•	•
	OUT/ODU/OPU alarm/errors/TTI generation and analysis	•	•
	ODU TCMi (i = 1 – 6) alarm/error/TTI generation and analysis	•	•
	OTN overhead manipulation and analysis	•	•
	Intrusive Through mode	•	•
	OTN service disruption time (SDT)	•	•
	ODU1 into OTU2 multiplexing	•	
	OTU1e (11.0491G)/OTU2e (11.0957G) with PRBS payload	•	
	OTU1e/OTU2e with mapped 10 GigE LAN payload	•	
	Signal auto-discovery of SONET/SDH in OTU1/OTU2	•	•

**Contact us** today to learn more about  
EXFO's OmniBER Replacement Program:

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Assessing  
Next-Gen Networks