STG Series

- Supports voice and data-centric services
- Ready for next-generation SONET network elements
- Upgradable from OC-3/STM-1 to OC-48/STM-16
- SONET, SDH, DSn and PDH testing in one package

Fiber-optic T&M,
monitoring, manufacturing
and assembly solutions

EXFO

One Device
for Evolving Needs

The STG™ Series of handheld testing products provides full test capabilities for DS0, DS1, E1, E3, DS3, 10/100 Mbps and Gigabit Ethernet, OC-3/STM-1, OC-12/STM-4, OC-48/STM-16 and SONET/SDH Overhead Processing. The STG Series offers both telecom and datacom performance management on the same platform and its innovative Smart User Interface (SUI) requires little training to use, even in the most complex testing scenario.
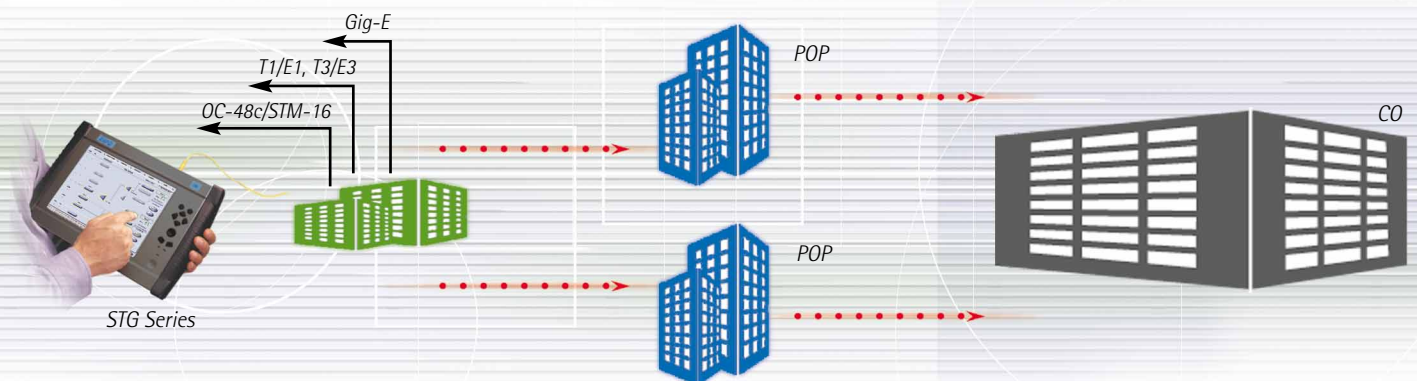
Key Features

- Easy-to-use Smart User Interface (SUI)
- Automated test scripting and remote management
- Ergonomic design; handheld; robust, rubberized enclosure
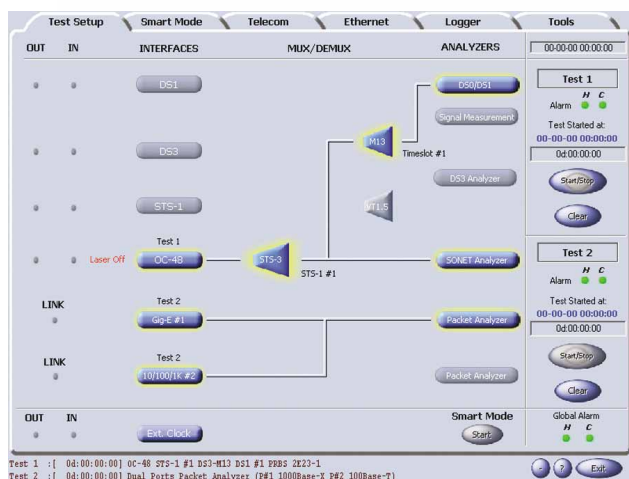- Large, color touchscreen

Benefits

- Supports telecom and datacom
- Evolvable from OC-3/STM-1 to OC-48/STM-16
- Support for SONET, SDH or both
- Ready for Ethernet testing: 10 Mbps, 100 Mbps and Gigabit
- Intuitive software for circuit browsing and developing test scenarios
- Flexible operation for field or office use

One Test Set for Telecom and Datacom

Gig-E

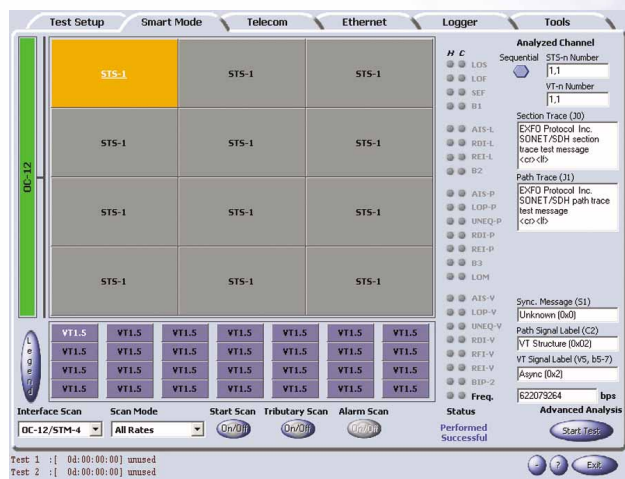T1/E1, T3/E3

OC-48c/STM-16

STG Series

POP

POP

CO

STG Series Smart User Interface

Speed up data management, tailor configuration and test formats with the easy-to-use comprehensive Smart User Interface.

Test Setup Screen

Smart Mode Screen

Specifications

	SONET	SDH
Test Capabilities	DS0, DS1, VT1.5, DS3, STS-1, 10/100 Mbps and Gigabit Ethernet, OC-3, OC-12 and OC-48 including SONET Overhead Processing	64Kbps, 1.5M, 2M, 34M, 45M, 10/100 Mbps and Gigabit Ethernet, STM-1, STM-4 and STM-16 including SDH Overhead Processing
Telecom Interfaces	Electrical (input and output ports): - Conformed to Bellcore GR-499 standard: DS1, DS1 (BITS) and DS3 - Conformed to Bellcore GR-253 standard: STS-1 Optical (input and output ports): - Conformed to Bellcore GR-253 standard: OC-3, OC-12 and OC-48	Electrical (input and output ports): - Conformed to ITU-T G.703 standard: 1.5M/2M, 1.5M/2M (external clock) and 34M/45M Optical (input and output ports): - Conformed to ITU-T G.707, G.841, G.957 and G.958 standards: STM-1, STM-4 and STM-16
Datacom Interfaces (included with Packet Blazer™option)	• 2x 10/100/1000 Base-T (input/output ports) • 2x 1000 Base-SX/-LX (input/output ports)	• 2x 10/100/1000 Base-T (input/output ports) • 2x 1000 Base-SX/-LX (input/output ports)
Management Ports	• Serial V.24 (RS-232C) port (DB-9) • 10Base-T LAN port (RJ-45) • USB port	• Serial V.24 (RS-232C) port (DB-9) • 10Base-T LAN port (RJ-45) • USB port
Measurements	• G.821 • Electrical and optical signal frequency and power	• G.821 • Electrical and optical signal frequency and power

General Specifications

Status and Alarm Indicators		
	Power	
	Current status	
	History status	
	LCD 10.4 inch display	
Power	DC jack / AC adapter	
Size (W x H x D)	38.4 cm x 10.4 cm x 25.8 cm	(15 $^1/_8$ in x 4 $^1/_8$ in x 10 $^3/_{16}$ in)
Operating Temperature	0 °C to 40 °C	(32 °F to 104 °F)

Laser Safety

21 CFR 1040.10, IEC 60825-1: Ed. 1.1 1998 : CLASS 1 LASER PRODUCT

Connector Panel

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