

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

The EXFO logo, consisting of the word 'EXFO' in a bold, blue, sans-serif font with horizontal lines through the letters.

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.



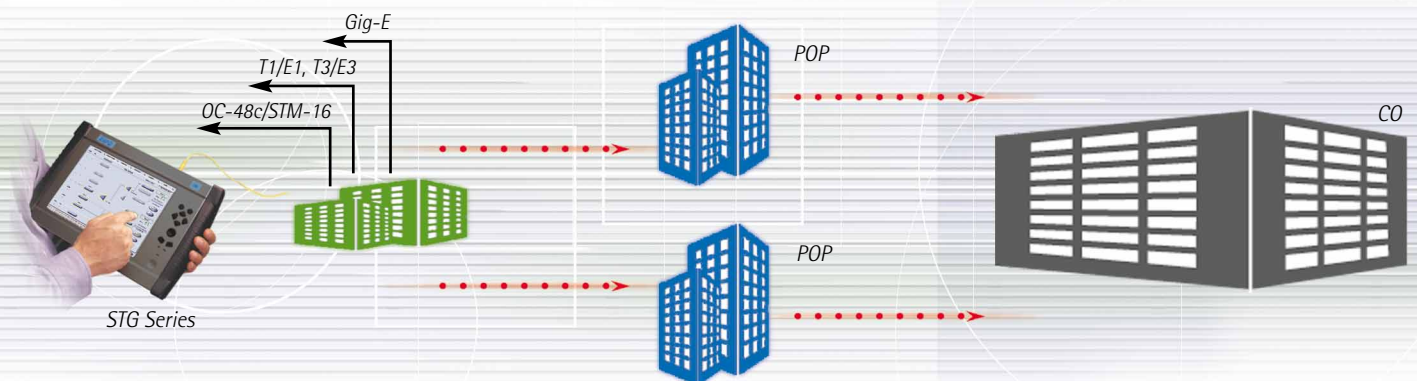
Key Features

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

Benefits

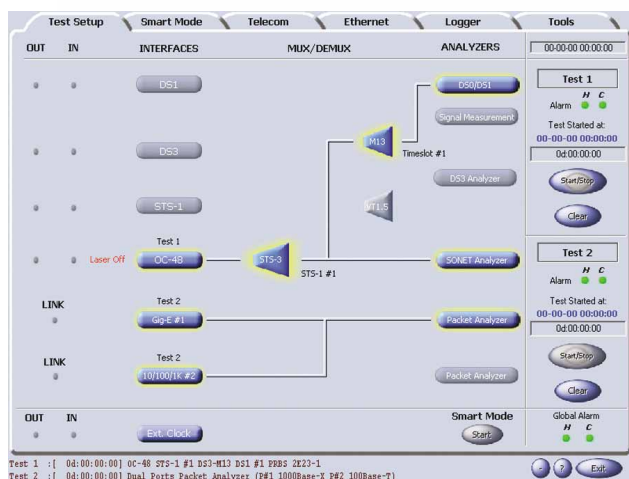
- Supports telecom and datacom
- Evolvable from OC-3/STM-1 to OC-48/STM-16
- Support for SONET, SDH or both
- Ready for Ethernet testing: 10 Mbps, 100 Mbps and Gigabit
- Intuitive software for circuit browsing and developing test scenarios
- Flexible operation for field or office use

One Test Set for Telecom and Datacom

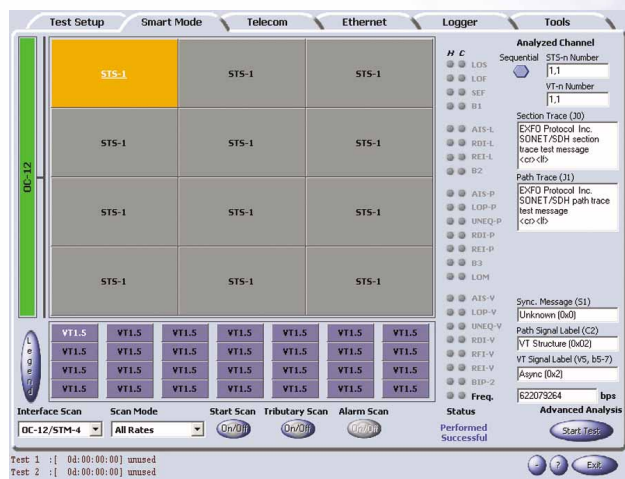


STG Series Smart User Interface

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

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Measurements

- G.821
- Electrical and optical signal frequency and power

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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



Find out more about EXFO's extensive line of high-performance portable instruments by visiting our Web site at www.exfo.com

 <p>Rugged Handheld Solutions</p> <ul style="list-style-type: none"> • OLTS • Power Meter • Light Source • Talk Set 	 <p>UNIVERSAL TEST SYSTEM</p> <ul style="list-style-type: none"> • OTDR • OLTS • ORL • Switch 	<p>Optical Fiber</p> <ul style="list-style-type: none"> • OSA • PMD • Chromatic Dispersion Analyzer • Multiwavelength Meter 	<p>DWDM Test Systems</p>	<p>Protocol</p> <ul style="list-style-type: none"> • 10/100 and Gigabit Ethernet • SONET/SDH (DSO to OC-192c) • SDH/PDH (64Kb/s to STM-64c)
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