

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

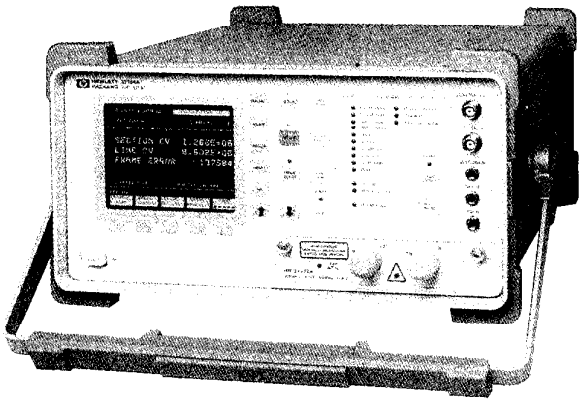
Find the *Keysight / Agilent 37724A* at our website: ***Click HERE***

TELECOMMUNICATIONS & DATA COMMUNICATIONS TEST

SONET/SDH Test Sets

HP 37704A, 37744A, 37724A

- Combined SONET/DS3 and DS1 test solution
- Field-portable and robust unit
- Easy to use
- Overhead and mapped payload testing



HP 37704A

DESIGNED FOR HP-IB SYSTEMS

HP 37704A SONET Test Set

The HP 37704A is a comprehensive, field-portable, SONET, DS3, and DS1 test set for applications up to 622 Mb/s (STS-12). It provides generation and analysis of VT (DS1) and DS3-mapped SONET signals, with full control of section, line, and path overhead bytes. Plug-in modules provide connection to a range of optical and electrical interfaces. Errors, alarms, and T1X1 pointer movement sequences are generated to stress equipment up to and beyond ANSI standards.

Applications

The HP 37704A is a rugged, portable test set well suited to installation, acceptance testing or commissioning, and maintenance of SONET, DS3, and DS1 network equipment. In addition, its comprehensive test suite covers many applications in R&D and production.

Specifications

Frame Formats: DS1, DS3, STS-1, STS-3, and STS-12
Mappings: DS1 (all VT1.5 modes) and DS3 to ANSI T1.105 and Bellcore TA-TSY-000253
Test Interfaces
Optical: 51.84, 155.52, and 622.08 Mb/s (1310 nm)
Coded electrical: 1.544 (B8ZS), 44.736 (B3ZS), 51.84 (B3ZS), and 155.52 (CMI) Mb/s
Size: 340 mm W × 190 mm H × 420 mm D (13.9 in × 7.8 in × 17.2 in)
Weight: 10 kg (22 lb)

HP 37744A SONET Tester

The HP 37744A is a small, rugged, and easy-to-use SONET tester for applications up to 155 Mb/s. It provides a low-cost solution for the generation and analysis of the section line and path overhead on structured 52-Mb/s or 155-Mb/s SONET signals. The tester is intended for applications in SONET circuit installation and maintenance, as well as for circuit monitoring in central offices.

Specifications

Frame Formats: STS-1 and STS-3
Test Interfaces: Optical, 51.84 Mb/s and 155 Mb/s (1310 nm); coded electrical, 51.84 (B3ZS) and 155.52 (CMI) Mb/s
Size: 340 mm W × 190 mm H × 208 mm D (13.4 in × 7.5 in × 8.2 in)
Weight: 4.5 kg (10 lb)

Ordering Information	Price
HP 37704A SONET Test Set	$19,900
Opt 001 Frequency Offset	+$3,000
Opt 002 VT Capability	+$7,200
HP 37744A SONET Tester	$9,900
Accessories	
HP 37771A STS-3 Electrical Interface	$3,000
HP 37772A Optical Interface 52/155 Mb/s (STM-1)	$14,500
HP 37776A Optical Interface 622 Mb/s (STM-1/4)	$25,500

- SDH testing at 155 Mb/s (STM-1) and 622 Mb/s (STM-4)
- PDH testing at 2 Mb/s and 140 Mb/s
- Comprehensive, single-unit test solution
- Field-portable and robust unit



HP 37724A

NEW

DESIGNED FOR HP-IB SYSTEMS

HP 37724A SDH/PDH Test Set

The HP 37724A is a comprehensive, field-portable SDH/PDH test set for applications up to 622 Mb/s (STM-4). It provides generation and analysis of TU-12 (2 Mb/s) and 140-Mb/s mapped SDH signals, with full control of regenerator section, multiplexer section, and path overhead bytes. Plug-in modules provide connection to a range of optical interfaces. Errors, alarms, and G.783 pointer movement sequences are generated to stress equipment up to and beyond CCITT standards.

Applications

The HP 37724A is a rugged, portable test set well suited to installation, acceptance testing or commissioning, and maintenance of SDH network equipment. In addition, its comprehensive test suite covers many applications in R&D and production.

It provides a wide range of tests for verifying SDH equipment such as line systems, add-drop multiplexers, digital cross-connects, and line-terminal multiplexers.

Specifications

Frame Formats: STM-1 and STM-4
Mappings: 2 Mb/s (all TU-12 modes) and 140 Mb/s to CCITT G.709
Test Interfaces
Optical: 155.52 and 622.08 Mb/s (1310 nm)
Coded electrical: 2.048 (HDB3), 139.264 (CMI), and 155.52 (CMI) Mb/s
Add/drop: 2 Mb/s, 140 Mb/s, STM-1, and overhead DCC channels
Overhead: Standard and user-programmable section, line, and path overhead bytes
Size: 340 mm W × 190 mm H × 420 mm D (13.9 in × 7.8 in × 17.2 in)
Weight: 10 kg (22 lb)

Ordering Information	Price
HP 37724A SDH/PDH Test Set	$25,530
Opt 001 Frequency Offset	+$3,000
Opt 002 TU Capability	+$4,000
Opt 003 Small Siemens 1.6/5.6 mm replace all BNC	$0
Accessories	
HP 37772A Optical Interface 52/155 Mb/s (STM-1)	$14,500
HP 37776A Optical Interface 155/622 Mb/s (STM-1/4)	$25,500

For the most current prices and product information, contact your local Hewlett-Packard sales office—see page 665.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP