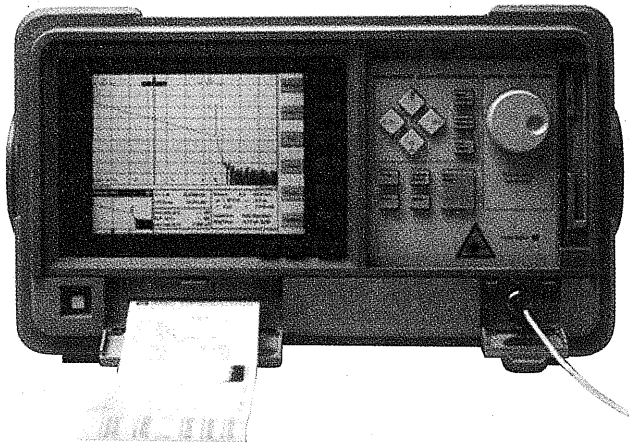


- High resolution and dynamic range in each module
- Pre-programmable procedures
- Full on-line analysis and remote operation
- Exceptionally flexible

- Fast and accurate fault characterization
- One button automatic measurement and analysis
- Small, rugged and lightweight
- Excellent resolution
- Ultra high dynamic range

HP 8147
HP E6000A



HP 8147

HP 8147 Optical Time Domain Reflectometer

The HP 8147 is a high performance optical time domain reflectometer for installation, commissioning and bench applications. It is designed for fast and accurate measurement and analysis of a fiber link, all at the touch of a single button.

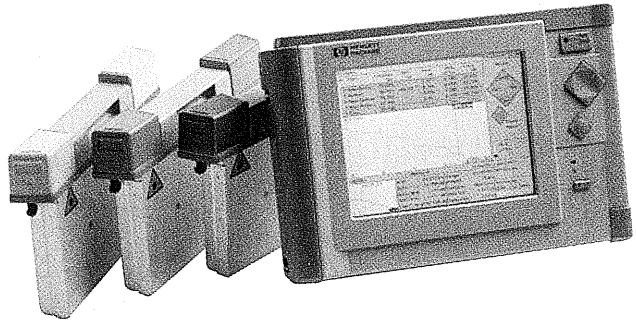
"Easy Mode" lets you pre-program complete procedures. So, with a couple of keystrokes, you get standardized measurements. That way, regardless of the operator's experience level, you get accurate and repeatable results every time.

Extended in-depth analysis including two-way measurements, delta measurements and comparison of up to four traces, is now available online. A return loss graph allows you to see the reflectance of individual events at a glance, as well as the total return loss of the link.

The HP 8147 remote capability provides for the centralized operation, collection and analysis of results from remotely-stationed OTDRs. As a result, you can maximize the use of scarce test expertise throughout your network.

At only 9 kg (20 lbs), the HP 8147 can be easily carried into those awkward places.

A variety of performance classes can now be selected to ensure you have just the right performance for your application. Many standard interfaces and options are available to ensure that the OTDR can be configured to your exact needs.



HP E6000A

HP E6000A Mini-Optical Time Domain Reflectometer

The HP E6000A Mini-OTDR maximizes your network uptime by locating and characterizing faults quickly and accurately. The unrivalled combination of 16,000 data points and a minimum sample spacing of 8 cm allows the powerful analysis algorithm to determine the exact location and characteristic of an event. Add to this the 20 m attenuation dead-zone, and you really can measure and resolve closely-spaced events along the whole fiber link.

Its one button operation, combined with its intuitive user interface, makes it easy even for those with minimal training to quickly make advanced, reliable OTDR measurements.

Its high dynamic range of more than 40 dB not only gives you the possibility to look at long stretches of fiber, but also helps you increase the speed at which you can accurately determine a certain event.

The HP E6000A, however, goes beyond a Mini-OTDR. Its fiber break locator mode looks exclusively for breaks, and these are then quickly displayed. The real-time mode gives you instant feedback on parameter changes you make, so that the optimal setup can be found quickly.

Additional Modules

The HP E6000A Mini-OTDR is not just a high performance OTDR for single-mode fiber networks. Additional modules and sub-modules enhance its capabilities, without adding any significant weight. The modules simply plug into the existing instrument, making the Mini-OTDR the right tool for versatile, optical fiber test measurements.

Multimode Modules

These modules are designed to test all popular multimode fibers at both 850 nm and 1300 nm wavelengths. With an event deadzone of less than three meters, the HP E6005A multimode module offers a dynamic range of up to 34 dB.

For more information, visit our website:

(<http://www.tmo.hp.com/tmo/datasheets/English/HPE6000A.html>).

Ordering Information

At least one user-exchangeable Connector Interface (HP 81000x1) is required for the module.

E4310A Optical time domain reflectometer mainframe

Opt 001 DC input: 11-30 V	\$7,480
Opt 002 Thermal printer	+\$1,075
Opt 003 Color screen, VGA-LCD	+\$1,350
Opt 004 HP-IB interface	+\$1,015
Opt 005 LAN interface	+\$861
Opt AB2 Chinese user interface	+\$487
	\$0

E4311A 1310 nm single-mode module (29 dB)	\$7,000
E4312A 1550 nm single-mode module (28 dB)	\$8,075
E4313A 1310/1550 nm single-mode module (29/28 dB)	\$9,865
E4314A 1310 nm single-mode module (35 dB)	\$9,635
E4315A 1550 nm single-mode module (34 dB)	\$10,760
E4316A 1310/1550 nm single-mode module (35/34 dB)	\$13,325
E4317A 1310 nm single-mode module (40 dB)	\$15,270
E4318A 1550 nm single-mode module (39 dB)	\$16,505
E4319A 1310/1550 nm single-mode module (40/39 dB)	\$19,785
E4320A Virtual remote and analysis software	\$1,535
E4324A 1310/1550 nm single-mode module (42/41 dB)	\$24,150

Price

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Electronic Test Equipment
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