Fiber Optics Test Instrument

FiberPal™ Plug-and-Play USB OTDR Unit 1310 / 1550 / 1625 nm Single Mode with Dynamic Range of 38/36/34 dB

Product Description

UFO-320 and UFO-321 are compact, cost-effective, plug-and-play Optical Time-domain Reflectometer (OTDR) units, designed for full-range fiber fault detection. With fieldwork in mind it is ideal for optical fiber installation, maintenance, field construction, and other in-site fault-locations analysis.

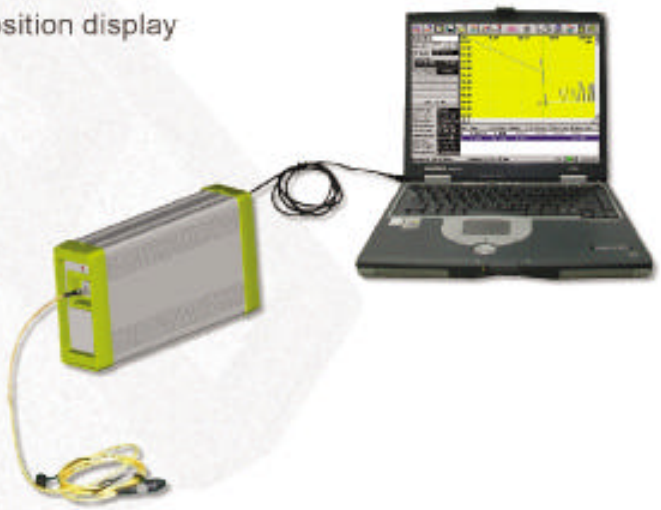
The OTDR unit is designed to operate with a personal, notebook, or any other computer running on Windows 98, 2000 or above. A USB cable connects the computer and the OTDR unit. The application (AP) program sends OTDR command from the computer to the unit and gets data back, both through the USB port. The USB port and a rechargeable Li-ion battery power the unit.

Features

- Plug-and-play unit via USB port to PC or NB
- Powered by USB port
- Full function OTDR AP compatible to Windows 98 and Windows 2000
- Rugged, light weight and easy to use
- Automatic fiber length detection and fault event analysis
- Mapping function with actual position display

Applications

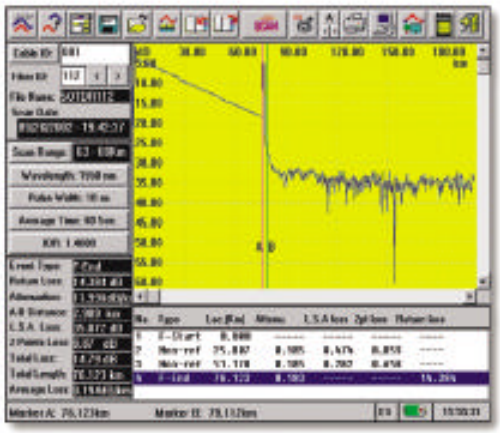
- Splicing loss detection
- Fiber attenuation measure
- Acceptance test
- Fiber break point locating
- Fiber length measure
- On-line monitoring
- Fiber identification

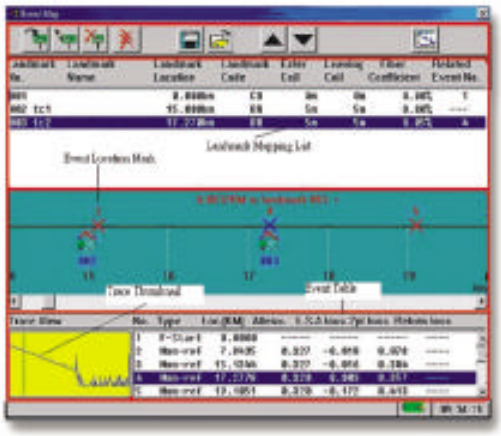


Note:
All specifications are subject to change without notice.
All other brands and product names are trademarks of their respective holders

Fiber Optics Test Instrument

Fiber Optics Test Instrument





General Specifications

Dimensions (L x W x H)	220x130x55mm without bumper
Weight	950g
Power consumption	Operating: 3.6 watt Idle: 2 watt
Power Supply	Lithium Ion Battery & AC/DC Adapter (100~240V; 50~60Hz)

Note: Measurements are made in 23± 2℃ environment.

Technical Specifications

MODEL		UFO-320	UFO-321
Wavelength		1310/1550 ± 20nm	1550/1625 ± 20nm
Fiber		9/125 um single mode fiber	
Optical Connector		FC/PC	
Pulse Width		10, 30, 100, 300, 1000, 3000, 10000, 20000ns, Auto	
Dynamic Range (dB)	Effective	35/33	33/31
	SNR=1	38/36	36/34
Event Dead Zone		5m	
Attenuation Dead Zone		40m	
Sampling Resolution		0.25, 0.5, 1, 2 m	
Max. Sampling Points		128000	
Distance Accuracy		±2 m + $3x10^{-5}$x distance + marker resolution (Fiber index error not included)	
Loss Accuracy		±0.05dB/dB or 0.1dB (whichever greater)	
Return Loss Accuracy		±4dB	
Max. Display Range		240 km (150 mile)	

Note: Measurements are made in 23± 2℃ environment.

NET RESEARCH

TEL : (703) 251 - 0851
FAX ' (775) 314 - 8183
P.O.BOX 128, Oakton, VA 22124

www.netresearch.bz