

# WaveTrekker OTDR

SKU: WTO-S15

Optical Time Domain Reflectometer

## Overview

With an unbeatable combination of a small pocket-sized form factor, a large high-resolution 2.8" color LCD display, and an industry-first sub-2000.00 pricetag, the WaveTrekker OTDR from OWL is the WISE choice for cost-conscious buyers who only need to perform basic troubleshooting or restoration tasks on singlemode optical fiber networks. All this from an OTDR that really is pocket-sized and fair priced, yet having comparable features and specifications to other OTDRs in its class.

**What to expect from an entry-level OTDR.** Sometimes, getting the job done on time means testing only what needs to be tested. While ultra-accurate event loss measurement might be helpful, most fiber network troubleshooting and restoration efforts only require the user to "find the break", a task to which the WaveTrekker OTDR is well suited.

**Affordability.** In a time when it is becoming increasingly difficult to justify equipping an entire technical staff with high-end equipment, companies are even more cost-conscious than before. Outfit a majority of the installation/repair trucks with WaveTrekker OTDRs, and set aside a few high-end "expert" vehicles for high-priority roll-outs.

**Usability.** The WaveTrekker OTDR may be pocket-sized, but the large 2.8" high-resolution color LCD display can show even the longest traces with ease. And, for greater viewing flexibility and trace detail, OWL has implemented state-of-the-art display technology which allows the OTDR's high-resolution color LCD display to "flip" between portrait and landscape mode automatically. In landscape mode, a wider viewing area means greater viewing detail.

## Applications

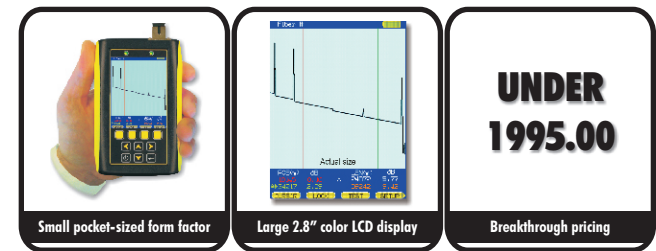
Optical fault location	Fiber attenuation measurement
Fiber length measurement	Event reflectance measurement

## Optical Specifications (PRELIMINARY) General Specifications

Output wavelength	1550nm	Display Type	High-resolution Color LCD
Dynamic range	21 dB	Battery Type	Lithium Polymer
Event dead zone	1 m typical / 2 m maximum	Battery Life	up to 20 hours (normal usage)
Attenuation dead zone	5m typical (8m max.)	Size	2.87"W x 4.42"H x 1.25"D
Number of data points	~ 1 per meter	Weight	< 2 pounds
Resolution	1 m (over full range)		
Pulse width	5, 10, 20, 50, 100, 200, 500 ns; 1, 10 μs		
Distance range	up to 65 km		
Index of refraction	1.4000 to 1.6000		
Distance accuracy	1 m (over full range)		
Number of traces	up to 1000		

## Ordering Information

Model # WTO-S15



Product manuals come in PDF format on CD. Adobe Acrobat Reader™ is required to view these documents.

Carrying cases and patch cables are available for an additional charge. Call 262-473-0643 for more information.

