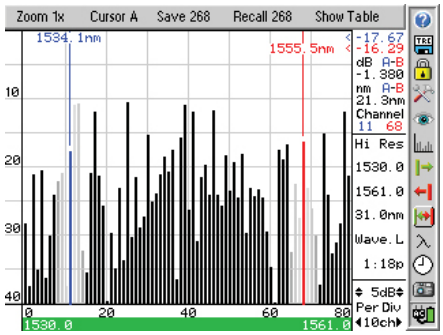
FIS OPTICAL SPECTRUM ANALYZER

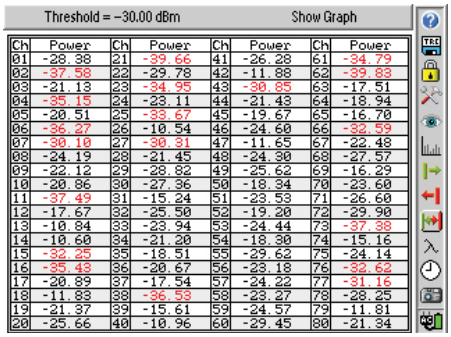
FEATURES

- 50 or 100 GHz DWDM and 20nm CWDM Channel Spacing
- USB PC Inter face, Cer tification Software Included
- Massive Internal Memory or Use a USB Flash Drive
- Setable Pass/Fail Thresholds and Drift Statistics
- Sealed Rugged Case with Impact Resistant Boot
- Solid State Optics - No Fragile or Moving Parts
- Ultra Fast Real Time with <1/2 second Update
- Integrated Auto-Wavelength Loss Test Set Option
- Auto Test Mode Zooms In on Active Channels
- Simple Operation with On-Line Help Mode
- Interchangeable Fiber Optic Connectors
- 4" Color Display & 8 Hr Battery Life
- Up to 88 Channels on the ITU Grid
- Available in C, L or CWDM Bands
- Bar Graph and Table Displays

The FIS OSX Series Hand Held Optical Spectrum Analyzers offer full featured analysis of DWDM and CWDM systems in a truly portable package. Available in WDM PON, ROADM and CWDM versions.

These Optical Channel Analyzers have a super fast acquisition time of two seconds per scan, and Pass/Fail feature with an easy to read color display. The OSX series will store up to 1000 tests and is shipped with Windows™ compatible certifi cation software for fast and easy reporting. Test information can be displayed in Bar Graph or Table form. The OSX is housed in a rugged metal enclosure with robust protective boot. These units are designed for fi eld use and are extremely user friendly. The new OSX series Hand Held Optical Spectrum Analyzer make this technology more affordable then ever.





GRAPH EVENT

While the display is in the graph mode, quickly identify power per channel, compare active and non-active channels, and identify minimum and maximum thresholds being met.

EVENT TABLE

While the display is in the table mode, the minimum and maximum threshold power settings may be adjusted giving an immediate indication of channels that pass or fail to meet these levels. Displays minimum and maximum channel drift STATS.

FIS OPTICAL SPECTRUM ANALYZER

SPECIFICATIONS

Wavelength Range	OSX-80C 1530-1562nm (196.0 THz - 192.0 THz) OSX-80L 1574-1608nm (190.5 THz - 186.3 THz)	OSX-20 1271-1611nm Channel Analyzer (CWDM)
Channel Spacing	50GHz or 100GHz	20 nm
Wavelength Accuracy	±0.1nm	(Passband) ±6.5nm
Max Composite Power		+28 dBm
Channel Power Range		+10dBm to -50dBm
Absolute Accuracy		±1 dB
Readout Resolution		0.01dB
PDL		±0.15dB
Measurement Time		< 1/2 Sec
Return Loss		>40dB
Optical Interface		Universal UPC (FC/SC)
Graphical Display		Bar Graph and Tables
Display		4 in Color TFT
Dimensions		7.75 x 4.5 x 2.25 inches
Weight		2 lbs
Battery/Operation time		Rechargeable NiMH / 8 hours
Power		100-240 universal
Environmental		Operation -10°C to + 50°C
Accessories Included		Universal power supply with mains for US, UK, CE and AU. Interchangeable FC and SC adapters, Window'sTM Compatible Software, USB Cable, Manual and Rubber Boot