

FIS OV-350 HAND HELD, CHANNEL ANALYZER (CWDM)



Part #: OV350CW18

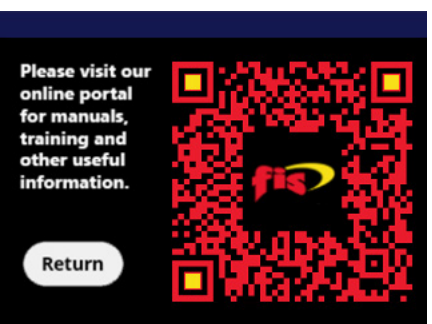
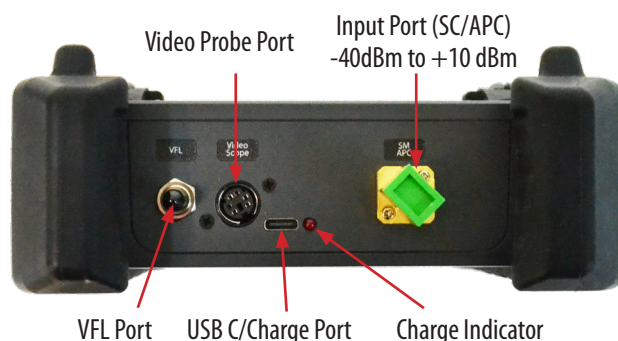
FEATURES

- Fast Real Time with <1/2 second Update
- Bar Graph, Data Table
- Optional Auto Center/Pass/Fail Video Inspection System
- Solid State Optics-No Moving Parts
- 8 Channel (1471-1611)
- 18 Channel (1271-1611)
- Customizable Pass/Fail Thresholds
- User Setup Screen and Help System
- 4" Touch Color Display
- Rugged Case w/Impact Resistant Boot
- USB/PC Port with Included PC Software
- Stores up to 1000 Tests
- VFL On-Board

The OV-350 Hand Held Channel Analyzers are one of the most rugged and affordable full featured Mini OSAs on the market. The CWDM Spectrum Analyzer available in our standard package that has all 18 channels or just the upper 8 channels, both with 20 nm spacing. The 18 channel analyzer tests 1271-1611nm and the 8-channel analyzer tests 1471-1611nm. It also offers a feature to set a pass/fail power range.

These CWDM OSA is simple and fast to operate with its touch screen operation and twice a second scan. With a full set of selectable scale limits and thresholds, the unit makes zeroing in on channel measurements easy. For flexibility, the channel numbers are selected in wavelength or frequency. The information is displayed in bar graph, and table mode. The OV-350 allows users to set pass/fail thresholds and can store up to 1000 tests that can be downloaded via the USB PC port. The online help system assists new users in parameter setup and file manipulation. This unit also offers an IEC61300-3-35 auto center/pass/fail video inspection feature for use with the optional VIS-300 Video Probe.

Top View of Unit



CWDM SPECIFICATIONS

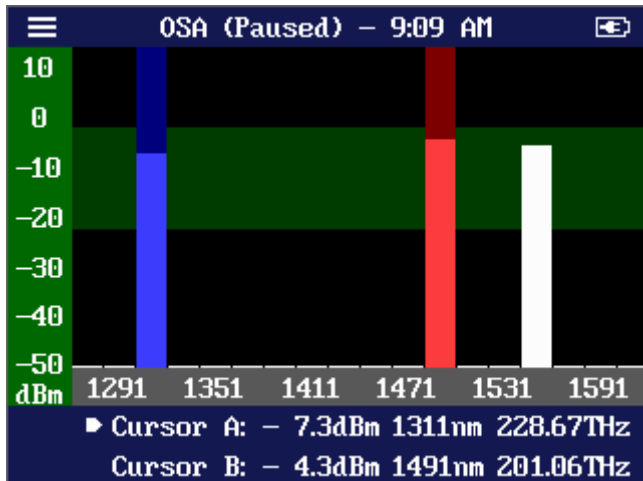
Wavelength Range	18 Channel 1271-1611nm or 8 Channel 1471-1611nm
Channel Spacing	20nm
Channel Pass Band	±6.5nm
Channel Power Range	+10dBm to -40dBm
Absolute Accuracy	±1 dB
Max Composite Power	+23dBm
PDL	±0.2dB
Adjacent Channel Isolation	30dB
Measurement Time	< 1/2 Second
Readout Resolution	0.01dB
Return Loss	>40dB
Optical Interface	SC/APC (FC/APC adapters optional)
Graphical Display	Bar graph

UNIT SPECIFICATIONS

Display	4 in Color TFT
Dimensions	5.25" L x 6.125" W x 2.5" H / (133mm L x 156mm W x 64mm H)
Weight	1.5 lbs (0.7 kg)
Battery	Li-pol, 10hr typ.
Power Requirement	USB 5V, 2A
Operating Temperature	-10°C to 40°C
Storage Temperature	-20°C to 60°C
Accessories Included	5V, 3.4A USB Wall Charge with USB cable, 2 stylus, FIS Connect PC Software, manual

VFL SPECIFICATIONS

Emitter Type	Laser
Wavelength	650nm ± 5nm
Laser Safety Class	Class IIFDA21 CFR1040.10 & 1040.11 IEC 825-1: 1993
Connector Type	2.5mm Universal
Output Power	1mW Max.



Bar Graph View



Video Probe Image (optional)

ORDERING INFORMATION

OV350CW18DW96	96 Channel DWDM + 18 Channel CWDM (1271-1611nm) Channel Analyzer +VFL with SC Adapters
OV350CW18DW9VIS	96 Channel DWDM + 18 Channel CWDM (1271-1611nm) Channel Analyzer +VFL with SC Adapters and Video Inspection Probe (VIS-300)
OV350CW8*	8 Channel CWDM Channel Analyzer (1471-1611nm) +VFL with SC Adapters
OV350CW8VIS	8 Channel CWDM Channel Analyzer (1471-1611nm) + VFL with SC Adapters with Video Inspection Probe (VIS-300)
OV350CW18*	18 Channel CWDM Channel Analyzer (1271-1611nm) +VFL with SC Adapters
OV350CW18VIS	18 Channel CWDM Channel Analyzer (1271-1611nm) +VFL with SC Adapters with Video Inspection Probe (VIS-300)
VIS-300	Video Inspection Probe for use on FIS OV350 platforms - includes standard UPC tips

*** Custom built channel packages are available. Call your FIS representative for more information.**