

# CWDM Channel Analyzer

F  
T  
E  
8  
1  
0  
0  
C  
W  
D  
M



## Features:

- Pass/Fail Thresholds
- Available in 8 or 18 Channels
- Fast Real Time with <1/2 second Update
- Auto Grade Fib-R-View Video Inspection Scope
- Bar Graph
- Auto Test Zooms in on Active Channels
- Rugged Case w/Impact Resistant Boot
- Solid State Optics-No Moving Parts
- Easy Operation with Help Mode
- 4" Color Display
- 12hr Battery Life
- Impact Resistant Boot
- Stores 1000 test
- USB/PC Port

The FTE8100-CWDM Channel Analyzer is rugged, affordable and easy to use. The standard CWDM hand held analyzer is available in 18 or 8 channels with 20 nm spacing. The 18 channel analyzer tests 1271-1611nm and the 8 channel tests 1471-1611nm. The FTE8100 CWDM analyzer is simple and fast to operate with its touch screen interface and twice a second scan. This low cost, full featured CWDM Channel Analyzer is designed to withstand your field operations. It offers a one button auto-test feature, power tilt feature with a full set of selectable scale limits. Information is displayed in graph or table mode which makes zeroing in on channel measurements easy and the user selects Pass/Fail thresholds that may be store in a project base file system. Up to 1000 tests that can be saved for later downloaded via the USB PC port and documented with the included certification software for fast, easy reporting. Use the onboard Video Inspection Scope with auto grading Fib-R-View system to ensure connector cleanliness prior to testing. The onboard Help system guides new users through operation and assists in parameter settings. The FTE-8100CWDM is housed in a water resistant enclosure with a robust protective boot.

**We Are Able To Support Special Channel Configurations**

(888) U.S.-OTDRS



Made In the USA

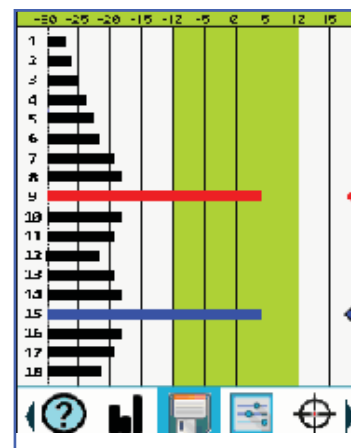
Terahertz Technologies Inc.  
169 Clear Rd., Oriskany NY 13424  
Toll Free 888-U.S.-OTDRS (876-8377)  
Phone: 315-736-3642 Fax: 315-736-4078  
E-mail: sales@teratec.us  
Web: www.teratec.us

©2/2017 Terahertz Technologies Inc.

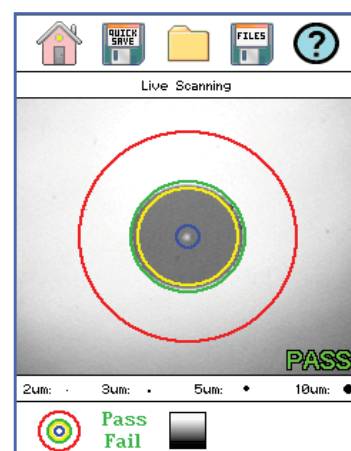
## Specifications

Wavelength Range	18 Channel 1271-1611nm 8 Channel 1471-1611nm
Channel Spacing	20nm
Channel Pass Band	±6.5nm
Channel Power Range	+5dBm to -50dBm
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	Universal UPC (FC/SC)
Graphical Display	Bar Graph
Display	4 in Color TFT
Dimensions	7.62" L x 3.88" W x 1.56" H (194mm L x 99mm W x 40mm H)
Weight	1.6 lbs
Battery	Rechargeable Li-Ion - 12 hours operating time
Power	100-240 universal US, GB, EU, AU Mains
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, certsoft reporting software suite, USB cable, manual on CD and rubber boot

TTI reserves the right to change specifications without notice.



Graph View



Video Scope Image

## Ordering Information

FTE8100-CWDM-18	18 CWDM Channel Analyzer with Touch Screen
FTE8100-CWDM-8	8 Channel CWDM Analyzer with Touch Screen
VIS-300	Soft Case for FTE-6000, 7500, FTE7800 and 8000 Series

(888) U.S.-OTDRS



歲望有限公司

802626 高雄市苓雅區新光路38號5樓之1  
電話：07-5368282 傳真：07-5368272

WEWANT Co., Ltd.

5F.-1, No.38, Xinguang Rd., Lingya Dist.,  
Kaohsiung City 802, Taiwan (R.O.C.)  
TEL: +886-7-5368282 FAX: +886-7-5368272

