

FX180X

Optical Channel Checker

Compact Channel Checker Verifying CWDM or DWDM Channels and Power. Simultaneously test all 18 CWDM channels or 97 DWDM channels C14-62 in a single test. This compact, robust tester measures individual channel peak wavelength/frequency and total, composite power. An optional fiberscope is also available to inspect connectors.



FX180X CWDM

HIGHLIGHTS

- Robust, handheld design for field environments
- High resolution, 5" TFT color touch-screen for easy viewing
- Fast boot-up time
- Basic function keys and touch-screen for easy operation and fast testing
- Internal data storage with 8G memory
- Micro-USB OTG interface for flash drives, fiber inspection probe connection and test data transfer
- Rechargeable Lithium Polymer battery with capacity indicator, low voltage alarm and Auto-off function
- > 9 hours continuous operation without recharging batteries
- Optional Built-in WiFi option to perform software upgrades
- Optional Built-in Bluetooth option for pairing Mobile devices
- Optional OTG to Ethernet for network connection

KEY FEATURES

Optical Testing

- Easy operation
- Fast < 5 seconds measurement time
- DWDM ITU-T G.694.1 Channels 14-62 or CWDM ITU-T G.694.2 from 1271 to 1611 nm
- Bar Graph or Table View modes
- Supports DWDM channel grid down to 50 GHz
- Ideal for Remote PHY deployments
- Active Channel Pass/Fail detection
- Pass/Fail Level threshold
- A/B channel markers
- Built-in wavelength reference
- Continuous testing
- Generate and save test results in HTML file format
- High wavelength accuracy
- Dynamic Measurement range: ≥ 65 dB
- Low Polarization Dependent Loss (PDL)