

## CWDM Optical Power Tester

### Supports Installation and Verification of CWDM SFP Transceivers



#### Features

- **Complete Support for Installation of Single Fiber, Full Duplex, CWDM SFPs.**
- **10 Ch CWDM Power Meter**  
-50 dBm to + 5 dBm; 1310 nm; 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591 and 1611 nm
- **Stand-Alone SFP Transceiver Tester**  
Allows Verification of Transceiver Optoelectronic Performance.  
Applicable for MR (GbE) LR (GbE) and LD(GbE,OC3/12).  
Multi-Protocol: FE, GbE; SONET/SDH.
- **1 GbE Media Converter**  
Cost-Effective Field Operation geared to isolate CPE for Network Troubleshooting.
- **Operational Features**  
USB Connector to PC for Data Logging.  
Intuitive User Interface Simplifies Testing.  
Built-In Rechargeable Batteries for Handheld Operation.  
Long Battery Life.  
Portable and Lightweight: Less than 1 Pound.

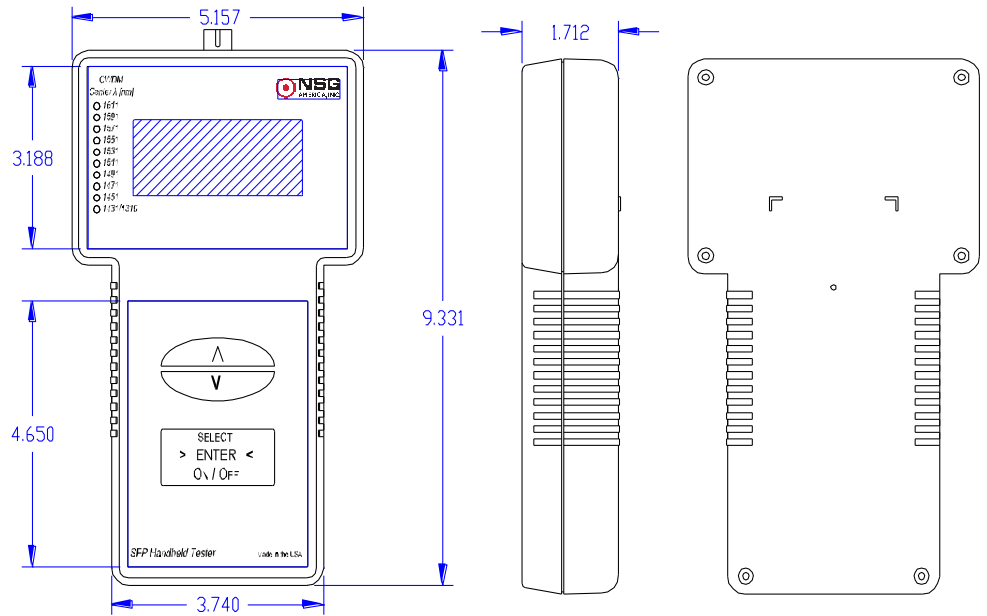
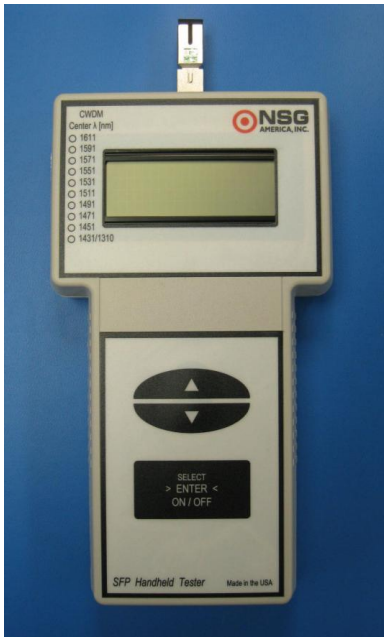
#### Applications

Deploy Single Fiber CWDM Service for Cable MSOs & Broadband Service Providers.  
Stand-Alone SFP Transceiver and Network CWDM Optical Wavelength and Power Tester.  
Trouble-Shooting by Field Technicians reduces the number of unnecessary Truck-Rolls.

#### Description

The SFP Handheld Tester designed to offer complete utility for Installers, Network IT Personnel, and Customer Service Technicians. Any SFC device can be plugged into the Tester and Full Functionality can be verified as well as SFC Wavelength and Power Measurements. The unit can also be used to Test the Optical Power and Identify Incoming Signals. The LCD Digital Read-Out displays all of the Key Parameters of the plugged SFC Transceiver in addition to individual LED's which indicate individual ITU CWDM Wavelength information.

## Mechanical Dimensions (inches)



**SFP** Slot for Transceiver testing and Media Converter operation

**RJ-45** Network Port for GbE Media Converter operation



**USB** Port to enable data-logging and control

Battery Recharger and AC Power Adapter Connector



**SC-APC** Optical Fiber INPUT. **ALWAYS USE Optical Fiber JUMPER OR ADAPTOR !!!!**

Feature	Description	Comments
Power Meter -50dBm to + 5dBm Received (through the network) Power Measurement.	LED depicts range. LCD Display shows actual power.	<b>Green</b> - Above sensitivity. <b>Yellow</b> - At sensitivity. <b>Red</b> - Below sensitivity.
Transmitter Power Measurements	LED depicts Go/No-Go range. LCD Display shows actual power.	<b>Green</b> - Above spec. <b>Blinking Green</b> - At spec. <b>Red</b> - Below spec.
Receiver Functionality Testing	Sensitivity is OK.	
Digital Alphanumeric Display	4 lines; 16 characters.	Displays unit information and power received @ wavelength.
Powered by Rechargeable Batteries	Same charger unit (plug/voltage) as EXFO power meter.	Allows Technician to carry a single, common charger unit into the field.
Media Converter Built-In	Enables direct network connection to a personal computer.	GbE only.

### Brief Operational Description