FOMS-F2-OPM-XGPON-12131415-SC

- 1270NM
- 1310NM
- 1490NM
- 1577NM



I. FEATURES

-- It is widely used in 10GEPON/XGPON/XGSPON and RF networks.

-- Up to 4 wavelengths of PON system power can be tested simultaneously: 1490nm, 1577nm, 1310nm, 1270nm.

-- Can test 1310nm, 1270nm, burst mode uplink wavelength signal.

-- Provides 10 sets of threshold values for operator selection, analysis and display of pass and failure status relative value selection and editing function can save 1000 records.

-- Manually set thresholds, upload data and calibrate wavelengths.

-- Self-calibration function.

-- Automatic shutdown function.

-- Automatic backlight function.

-- Large capacity lithium battery.

-- Energy-saving design, low-voltage self-test power off.

-- HD screen, clear to read in outdoor sunlight.





II. SPECIFICATIONS

TC-87 xGPON Power Meter						
Wavelength (nm)	1310 (Uplink)	1490 (Downlink)		1270 (Uplink)	1577 (Downlink)	
Spectral Passband (nm)	1290~1330	1470~1505		1260~1280	1577±3nm	
Range (dBm)	-40 ~ +10	-45 ~ +10		-40 ~ +10	-45 ~ +10	
Isolation@1310nm (dB)		>40		>40	>40	
Isolation@1490nm (dB)	>40			>40	>40	
Isolation@1550nm (dB)	>40	>40		>40	>40	
Isolation@1270nm (dB)	>40	>40			>40	
Isolation@1577nm (dB)	>40	>40		>40		
Isolation@1610nm (dB)	>40	>40		>40	>40	
Uncertainty (dB)	±0.5					
Polarization Loss (dB)	<±0.25					
Linear (dB)	±0.1					
Insertion Loss (dB)	<1.5					
Display Resolution (dB)	0.01					
Unit (dB)	dBm/xW					
Connector	SC/UPC					
Storage	1000 Records					
Visual Fault Locator (Standard)						
Output Power (mw)	10					
Test Distance (km)	5km					
Wavelength (nm)	650 ± 20					
Output Modes	Continuous (CW), 1HZ, 2HZ					
Other Parameters						
LCD	320*240, 3.2 inch True color LCD Screen					
Battery	4.2V 2400mAh Rechargeable Battery					
Battery working time	About 20 hours					
Operating Temperature	0 ~ 60℃					
Storage Temperature	25 ~ 70℃					
Size (mm)	155×85×40					
Weight (g)	300					

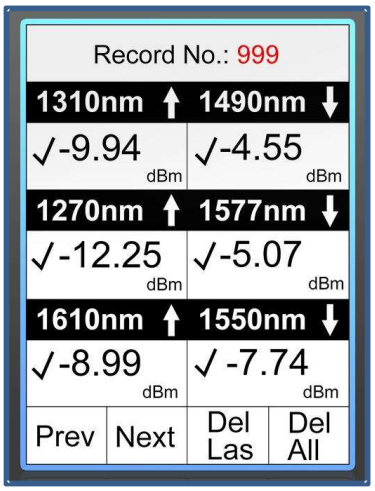
III. INTERFACES



VISUAL FAULT LOCATOR



THRESHOLD SETTING



STORAGE FUNCTION

IV. PACKAGING



xGPON POWER METER



BAG



CHARGING CABLE



USER MANUAL



CARTON BOX