

Medidor potencia xGPON PTS583

1270NM

1310NM

1490NM

1577NM



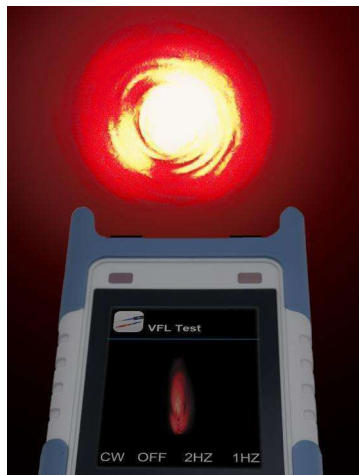
FEATURES

- 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.



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 SC/APC			
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			

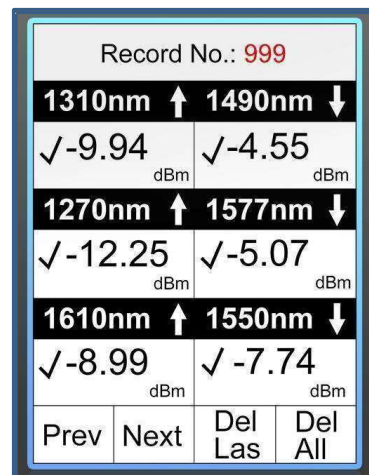
INTERFACES



VISUAL FAULT LOCATOR



THRESHOLD SETTING



STORAGE FUNCTION

PACKAGING



xGPON POWER METER



BAG



CHARGING CABLE



USER MANUAL



CARTON BOX