



FEATURES

- **Automatic PON-ID Detection**
Identifies OLT PON-ID, ODN class, Tx power, and ODN link status per ITU-T standards.
- **Bluetooth**
Connects to a phone app.
- **Quick Charging Mode**
Supports 20W quick charging.
- **On-Site Reports**
Generate test reports on site.

SPECIFICATIONS

Model	PPM-4977-NID-SCA	PPM-2731-4977-ONID-SCA
Applicable Network	Version 1 : GPON+XG(S)PON Version 2 : GPON+XG(S)PON+EPON+10GEPON	
Optical Power Measurement (nm)	Downlink : 1490 ~ 1577	Downlink : 1490 ~ 1577 Uplink : 1270 ~ 1310
ONU/ONT Identification	N/A	Identifies ONU/ONT ID, serial number, and status
Test Mode	-	Series connect: Two ports pass through mode
Insertion Loss	-	<1.5dB insertion loss
PON Data Parsing	OLT information: OLT PON-ID, ODN class, Tx power, ODN loss	OLT information: OLT PON ID, ODN class, Tx power ONU information: ONU ID, ONU SN
Power Measurement	Downlink: 1490nm and 1577nm selective power measurement	Downlink: 1490nm and 1577nm Uplink: 1270nm and 1310nm
Optical Interface	Single SC/APC	SC/APC x 2
Charging Port	USB Type-C Cable Port, 20W quick charge	
Power Supply	5000mAh lithium battery, Input: 5V/2A	
Display	3.5 inch color screen	
Wireless	Bluetooth connection with Android phone app	
Data Storage	16G TF Card	
Working Temp (°C)	-10 to 50	
Humidity (%)	5 ~ 95 (no condensation)	
Dimension (mm)	193 x 94 x 47	
Weight (g)	570	609
Standard Accessories	Soft Pouch, Manual, Type-C Cable, SC connector	

ORDERING INFORMATION

Part No	Description
PPM-4977-NID-SCA	GPON/XGPON TESTER, 1490/1577nm downstream, PON ID, SCA
PPM-2731-4977-ONID-SCA	GPON/XGPON TESTER, 1270/1310nm upstream, 1490/1577nm downstream, PON ID, ONU ID

Note : Specifications are subject to change without notice

Rev No : K-00
Printed Date : 05/09/2024