

PON Optical Power Meter—T-PO3213 series

Description

T-PO3213 Series PON Optical Power Meter target at the FTTx application and maintenance. This power meter is able to simultaneously test and estimate the signals of the voice, data and video. It is an essential and ideal tool for the construction and maintenance of the PON projects.

- > It can experiment at Voice, data and video signal synchronous measurement and display on BPON/EPON/GPON.
- > Providing simultaneous measurement for all three wavelengths on the fiber **(1490nm, 1550nm,1310nm)**
- >Use the software connect with PC, setting the threshold, data transfer, and calibration the wave length.
- > 10 minutes Auto-off function can be activated or deactivated
- >Good key design, high sensitivity, greatly reducing the volume and weight of the tester.



PON module: Features

Measurement Range (dBm)	-40dBm~+10dBm
Output power(max)	15dBm
Isolation@1490/1550(dB)	>40dB
Burst mode measurement error	<±0.5dB
1490 downstream measurement	
Pass Zone(nm)	1535nm~1570nm
MeasurementRange(dBm)	-40dBm~+10dBm
Output power(max)	25dBm
Isolation@1310/1550(dB)	>40dB
1550 downstream measurement	
Pass Zone(nm)	1535nm~1570nm
Measurement Range(dBm)	-40dBm~+10dBm
Output power(max)	25dBm

Isolation@1310/1490nm)	>40dB
Measurement Accuracy	
Connatural uncertainty(dB)	±0.5dB
Linearity(dB)	±0.1dB
Passing through insertion Loss(dB)	<1.5dB
General Information	
Detector Type	InGaAs
Optical Connector	FC/SC/ST Interchangeable/2.5 universal adapter
Fiber Type	SM 9/125um
Measurement Unit	dB/dBm/xW
Resolution (dB)	0.01dB
Operation Voltage(V)	DC 3.3V~5.5V
Power Supply	3pc1.5V battery
Continuously Operation time (h)	PON : 90h ;OPM : 100h
Operation Temperature(°C)	-10°C~60°C
Storage temperature(°C)	-10°C~60°C
Weight(kg)	423g

Note: The operation time of the battery are all for the instrument that do not turn on backlight, if the backlight turn on the operation time will be shorted.