



T-PO3213 Series Pon Power Meter Surprise price



- Product Description

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.

①It can experiment at Voice, data and video signal synchronous measurement and display on BPON/EPON/GPON.

② Providing simultaneous measurement for all three wavelengths on the fiber (**1490nm, 1550nm, 1310nm**)

③ Used in Burst mode measurement of **1310nm upstream**.

④ Use the software connect with PC, setting the threshold, data transfer, and calibration the ave length.

⑤ USB communication port enables data transfer to a PC. 1000 measurement item can be saved in T-PO3213 PON power meter or computer for data review.

⑥ With optical power meter modual, include 850、300、1310、1490、1550、1625sixs (T-PO3213AP, T-PO3213A without 850nm wavelength); With visual fault locator modual (T-PO3213and T-PO3213AV)

⑦ Optical power meter and VFL with one port. (only T-PO3213A)

⑧ Optional Chinese/English display.

⑨ Offers up to **10** different threshold sets in total, Three status LEDs represent different optical signal conditions of **Pass, Warn and Fail** respectively.

⑩ 10 minutes Auto-off function can be activated or deactivated

⑪ Good key design, high sensitivity, greatly reducing the volume and weight of the tester.

⑫ Different models corresponding to different function, according to own use to choose .

1. PON module: Features

1310 upstream measurement				
Pass Zone(nm)	1260nm~1360nm			
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			

Measurement Range(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		1470nm ~ 1505nm	
Measurement Accuracy			-40dBm ~ +10dBm	
Connatural uncertainty(dB)	±0.5dB		15dBm	
Linearity(dB)	±0.1dB		>40dB	
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	PON : 90h OPM : 100h VFL: 50h	PON : 90h VFL: 50h	PON : 90h OPM : 100h		
Operation Temperature(°C)	-10°C~60°C					
Storage temperature(°C)	-10°C~60°C					
Weight(kg)	423g	425g	424g	424g		

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

2.Normal Optical Power Meter Module

Normal Optical Power Meter	T-PO3213 ②	T-PO3213A	T-PO3213AP
Measurement Accuracy			
Connatural uncertainty(dB)		±0.5dB	
Linearity(dB)	None	±0.1dB	
Measurement Range(dBm)		-70dBm~+6dBm	
General Information			
Measurement Unit	None	dB/dBm	
Resolution (dB)		0.01dB	
Calibration Wavelength(nm)		1300/1310/1490/1550/1625	850/1300/1310/1490/1550/1625
Detector Type		InGaAs	
Optical Connector		FC/SC/ST Interchangeable/2.5 universal adapter	

② : T-PO3213do not have the OPM module

3.VFL Module

③ : T-PO3213 without VFL module.

VFL	T-PO3213 ^③	T-PO3213A	T-PO3213AV
		>0.5mW	
Output power		650nm	
Wavelength		FC/SC/ST Interchangeable/2.5 universal	
Optical Connector	None	adapter	
		SM/MM	
Fiber Type			