



HYTT-PON-P100 PON Optical Power Meter



Overview

HYTT-PON-P100 PON Optical Power Meter is an upgraded version. It aims at the FTTx application and maintenance which not only can be used to test and estimate the PON signals at the same time, but also the normal power measurement and fault identification. It is a useful, essential and ideal tool for the construction and maintenance of the PON projects.

Features

- . Providing simultaneous measurement at all three wavelengths (1490nm, 1550nm&1310nm)
- . Burst mode measurement at 1310nm wavelength
- . Large LCD screen with backlight function
- . 10 minutes Auto-off function
- . Six calibration wavelength available when tested as Normal OPM (850,1300,1310,1490,1550&1625nm)
- . 10 different threshold sets;
- . 3 Colors LED light Green, Yellow or Red represent 3 types of signal conditions Pass, Warn or Fail.
- . Added User self-calibration function in software which used to calibrate the PON module or set the threshold value.
- . Added Factory Default function in software which enable all the customers setting back to the factory setting



Model NO	HYTT-PON-P100		
Measurement wavelength	1310 upstream measurement	1490 downstream measurement	1550 downstream measurement
Pass Zone(nm)	1260~1360	1470~1505	1535~1570
Measurement Range(dBm)	-40~+10	-40~+10	-40~+20
Isolation 1310nm(dB)	-	>40	>40
Isolation 1490nm(dB)	>40	-	>30
Isolation 1550nm(dB)	>40	>40	-
Measurement Accuracy			
Connatural uncertainty(dB)	±0.5		
Connatural uncertainty(dB)	<±0.25		
Linearity(dB)	±0.1		
Passing through insertion Loss(dB)	<1.5		
Normal Optical Power Meter Module			
Display	128*64		
Measurement Unit	dB/dBm/ xW		
Resolution (dB)	0.01		
Power Supply	Li battery (9V)		
Fiber Type	SM		
Measurement Range(dBm)	-10~60°C		
Store Range(dBm)	-25~70°C		
Size (mm)	210 x 115 x 55		





HYTT-OLS-LS300 PON Optical Light Source



HYTT-OLS-300 Series Handheld Light Source

Application

- Telecom Maintenance
- CCTV Maintenance
- Comprehensive cable construction system
- Optical instruments research and development
- Optical communication education and lab testing
- Other optical project

Features

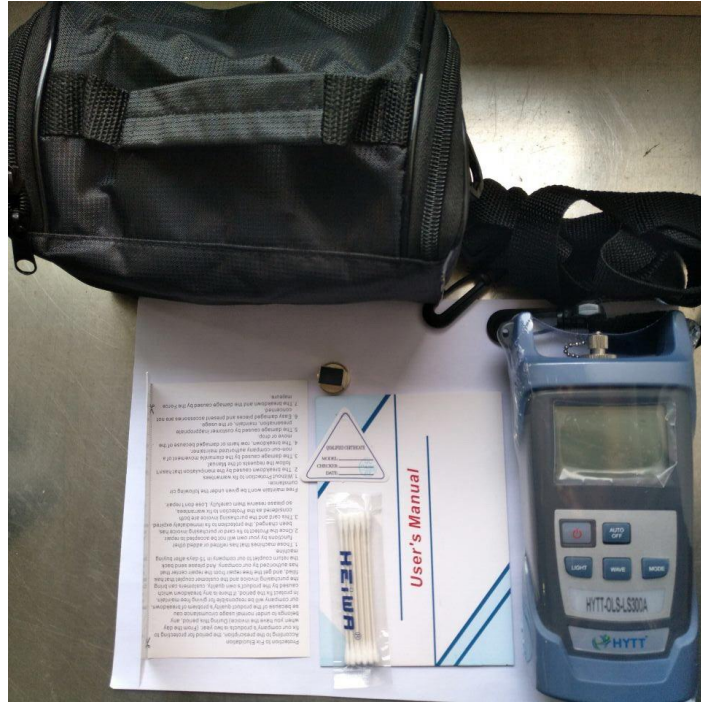
- Provides 1~4 output wavelengths which can be optional according to customers needs
- CW, 2Hz modulation output at 650nm, and CW, 270Hz, 1KHz, 2KHz
- modulation output at other wavelengths
- High stability of the output power
- Stable output wavelength
- Backlight LCD display supports night operation
- Compact size and decent appearance
- Large LCD, easy operation



Type	HYTT-OLS-300			
HYTT-OLS-300A	HYTT-OLS-300B	HYTT-OLS-300C	HYTT-OLS-300D	HYTT-OLS-300E
1310/1550nm	1310/1490/ 1550nm	850/1310/1550nm	1300/1310/1550nm	850/1300/1310/1550nm
Emitter Type	FP-LD,LED or others please specify			
Output Power(dBm)	-6~-7(1310/1550nm),>0 (650nm)			
Output Stability	+0.05dB/15mins; +0.1dB/ 8hours			
Modulation Frequencies	CW,2Hz	CW,2Hz,270Hz,1KHz,2KHz		
Optical Connector	FC universal adaptor	FC/PC (Interchangeable FC/SC/ST connectors can be optional)		
Power Supply	Alkaline Battery(3 AA 1.5V batteries)			
Battery Operating Time(hour)	45			
Operating Temperature	-10~ +60degree			
Storage Temperature	-25 ~ +70degree			
Dimension(mm)	152*74*26			
Weight	290g			



Recommendation	HYTT-OLS-300 Handheld Light Source is designed for optimal use with Power Meter for measuring optical loss on both single-mode and multimode fiber cable.	
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HYTT-OPM-3200 Optical Power Meter



Overview

HYTT-OPM-3200 Optical Power Meter is a compact and an easy-to-use testing instrument for optical fiber networks, which can be used for absolute optical power measurements as well as for relative loss measurements in optical fibers. It features ingenious appearance, wide range of power measurement, high accuracy and user self-calibration function with high performance-to-price ratio.

Features

- User self calibration function
- Comfortable LCD display and optional backlight
- LCD display supports night operation
- Power measurements in dBm or mw and insertion loss in dB
- Low battery consumption, more than 240 hours continual operation time for three 1.5V alkaline batteries
- Optional 10 minutes Auto-off function

Applications:

- Maintenance in Telecom
- Maintenance CATV
- Test Lab of optical fibers
- Other Fiber Optic Measurements



Specification:

Type	HYTT-OPM-3200A	HYTT-OPM-3200B
Wavelength(nm)	800~1700nm	
Detector	InGaAs	
Measurement Range (dBm)	-70~+10	-50~+26
Uncertainty	±0.25%	
Calibrated Wavelength(nm)	850,980,1300,1310,1490,1550 1625	
Resolution(dB)	Linear indication: 0.1% Logarithmic indication: 0.01dBm	
Optical Connector	FC/ Universal 2.5mm adaptor	
Power Supply	Alkaline Battery(3 AA 1.5V batteries)	
Battery Operating Time	240 h with 1.5V Battery(3)	
Operating Temperature	-10 ~ +60 C	
Storage Temperature	-25 ~ +70 C	
Relative Humidity	0 to 95% (non-condensing)	
Dimension(mm)	172×82×33	
Weight	300g	

