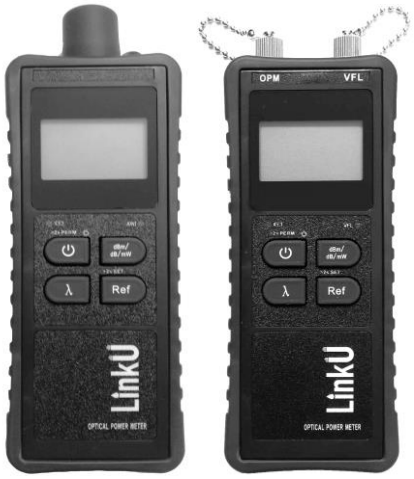
LP series Optical Power Meter



Description

Optical Power Meter is used to test power, loss, continuity and faults on all types of fiber optic systems. LP series provides high accuracy and simplicity of use.

Features

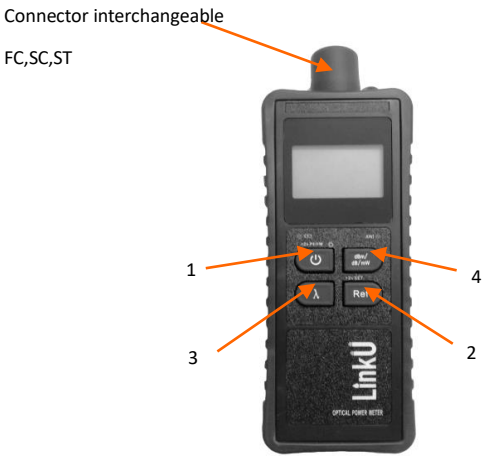
Auto-wavelengths recognition Auto power-off, Back-light
Integrated with high performance optical detector
and visual fault locator (LP-V)

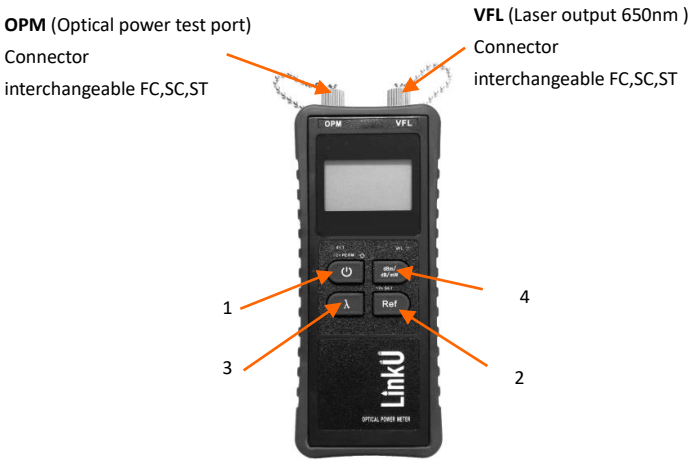
Specification

Model #	LP-2T	LP-2C	LP-2TV	LP-2CV
Calibrated Wavelength	850/980/1300/1310/1490/1550/1625 nm			
Detector Type	InGaAs			
Accuracy	±0.35db±1nW			
Resolution	0.01dB			
Linearity	±5%			
Connector	Interchangeable FC/PC, SC/PC, ST/PC &. 2.5mm universal			
Measuring Range	-70 to +10dBm	-50 to +26dBm	-70 to +10dBm	-50 to +26dBm
Tone Detection	270Hz, 1KHz, 2KHz			
VFL Output Power (1)	N/A	N/A	1mW	1mW
VFL Output Wavelength	N/A	N/A	650nm ±10nm	650nm ±10nm
Operating Temperature	-10 to +50℃			
Storage Temperature	-20 to +70℃			
Power supply	2 * AA Batteries; AC/DC Adapte			
Dimension &. Weight	160×58×32 mm (L×W×H); 160g			
Standard Accessories:				
FC/PC &. SC/PC adapter, carrying bag, Manual				
Optional Items				
FC(Male) to LC(Female) Adapter				

Note: (1) The output power of the VFL can be customized.

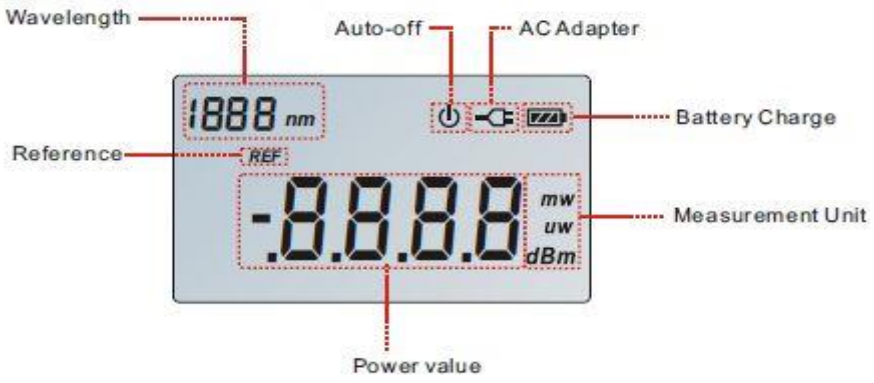
Operation：



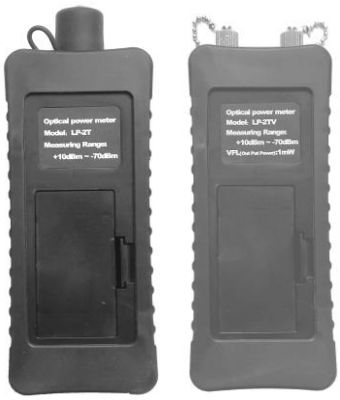


NO	KEY	Function
1	> 2s	Switches instrument on/off.Long key press Over 2 Seconds while powering on is to activate the instrument without Auto-off function. Switches backlighting on/off
2	REF > 2s	Short key press to display reference level of present test wavelength. Long key press to set a new reference level of preset test wavelength.
3	λ	Short key press selects measurement wavelengths. Long key press SELECTS measurement AWI {**Functions on (LP-2T&C)**} Long key press SELECTS measurement VFL-650nm laser on 2Hz{**Functions on (LP-2TV&CV)**}
4	dBm/mW	Switches measurement units among dBm,dB and mw Long key press SELECTS measurement VFL-650nm laser on {**Functions on (LP-2TV&CV)**}

LCD:



BACK：



Maintenance：

1、 please disconnect the AC adapter/charger and cover the protective dust cap once you finish using.

2． It is a good idea to clean the connector and the instrument when they get dirty through use.Optical cleaning Pads and anhydrous alcohol is recommended.And Please be careful not to get the detergent inside the instrument.

3．To ensure the measurement accuracy,please send the instrument to Service Center for calibration once a year.

User self calibration:

1、Open state At the same time Press the "λ" and "dBm/dB/mw" keys，Long key press Over 2 Seconds while

2、Press the“dBm/dB/mw” keys +0.1dBm；Press the“REF” keys -0.1dBm; If the calibration is correct Press the switchkey to restart ， Restore normal test state.

(Note: use the fiber to connect with optical power meter to calibrate the value until getting the desired value for calibration)