

# OPM500 Handheld Optical Power Meter

**OPM500 Handheld Optical Power Meter** is a newly designed fiber optic tester, which aims at the installation, engineering acceptance and maintenance of fiber network.

Compared with other usual power meters, the OPM500 has more functions, like automatic wavelength identification, auto wavelength switching, intelligent backlight, data saving via USB port.



Combined with LS300 handheld optical light source, it offers a quick and accurate testing solution on both SM and MM fibers.

## Features

- . Wave ID Auto wavelength identification & switching
- . Frequency ID ---Auto frequency identification
- . 2 types of backlight modes, manual or outside light intensity, which indicated by LED light red or blue color.
- . Intelligent backlight
- . 1000 records storage or download via USB cable
- . USB communication port for saved testing records download
- . Reference power level can be set up and stored
- . User self-calibrating function
- . Auto-off function
- . Up to 240hrs battery life

## Specifications

Model	OPM500A	OPM500B
Calibration Wavelength(nm)	800~1700	
Detector type	InGaAs	
Measurement Range(dBm)	-70+3	-50+26
Uncertainty (dB)	±0.2(5%)	

通馳科技股份有限公司 Tone Spread Technology Co., Ltd  
台北市士林區福港街 141 號 2 樓  
2F, No. 141, Fu-Gang Street, Taipei City, Taiwan 11169  
Web: [www.tspd.com.tw](http://www.tspd.com.tw)  
Tel: (02) 2882 8979 Fax: (02) 2882 9196

linearity (dB)	0.01
Display resolution(dB)	0.03
Frequency ID Hz	270 330 1K 2K
Wave ID nm	850,980,1300,1310,1490,1550,1625
Date Storage Capacity	1000
Communication Port	USB
Connector	FC/SC/ST Interchangeable
Alkaline battery	3AAA 1.5V or Li battery (9V)
Power Adapter(V)	8.4
Battery Operating time (h)	240 without backlight
Operation Temperature(°C)	-10(°C) +60
Storage Temperature(°C)	-25(°C)+70
Dimension(mm)	172*82*33
Weight(g)	310

#### Standard Packages

MODEL	INCLUDES
All OPM500 Models	OPM500 Optical Power Meter, 3pcs 1.5V Batteries, User Manual, Cotton Stick and Soft Carrying Case.

通馳科技股份有限公司 Tone Spread Technology Co., Ltd  
 台北市士林區福港街 141 號 2 樓  
 2F, No. 141, Fu-Gang Street, Taipei City, Taiwan 11169  
 Web: [www.tspd.com.tw](http://www.tspd.com.tw)  
 Tel: (02) 2882 8979 Fax: (02) 2882 9196