MT500 Multifunctional Power Meter

Product: Multifunctional optical power meter
Manufacturer: Grandway
Place of origin: Shanghai
Application: Construction and maintenance test for optical networks

MT500 Multifunctional OPM is specially used for the installation, test and maintenance of all kinds of long-distance and short-distance optical communication lines.

MT500 combined with ergonomics design, small and compact, easy to carry, easy to operate, stable and reliable performance. It can accurately measure the optical power values of 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm and 1650nm. It can accurately measure the optical loss of optical fiber, optical cable and various passive optical devices when connected with the laser source.

Furthermore, MT500 also has flashlight, VFL and RJ45 cable testing functions, which are applicable for both basic optical or cable lines test.

Features：

- 4 in 1 (OPM, VFL, RJ45 cable test, flashlight)
- The material of light detector head is imported
- 2.5mm universal optical interface (support FC, SC, ST)
- Low power consumption, support ultra long time continuous work (can be used more than 100 hours continuously)
- Linear optical power and logarithmic optical power display
- Automatic range conversion and battery power display
- It has the function of relative value measurement
- Small size, light weight, low power consumption, easy to carry
- 1mW or 10mW VFL
- Automatically checks for continutiy of RJ45 cable

Parameter：

Model	MT500-A	MT500-A10	MT500-B	MT500-B10	?
Calibration wavelength	850/1300/1310/1490/1550/1625/1650nm				
Working wavelength	800~1700nm				
Range	-70dBm~+6dBm		-50dBm~+26dBm		
Uncertainty	±5%				
Resolution	Linear display：0.1%，Logarithmic display：0.01dBm				
Frequency	270/330/1kHz/2kHz				
Detector	InGaAs				
VFL	1mW	10mW	1mW	10mW	
Power	3pcs AAA Dry cells, or Ni-MH rechargeable battery(optional)				
Working temperature	-10℃~+50℃				
Storage temperature	-25℃~+70℃				
Relative humidity	0～95%　(No condensing)				
Automatic shutdown	10min				
Size / Weight	104*67*28mm / 140g				