

Optical Power Meter with Insertion Loss (FC/SC/ST Unite)



Product ID GAO-OPM-106



GAOTek Optical Power Meter with Insertion Loss (FC/SC/ST Unite) is used to efficiently measure the power of the optical sender and is equipped with a FC/SC/ST general purpose interface. It is also equipped with ϕ 0.03 in (1.0 mm) large-area detector so that the stability and reliability can be enhanced effectively. This portable tester is used for the installation, debugging and maintenance of fiber network. It can also be widely used in various fields, such as cable construction and maintenance, optical fiber transmission, optical fiber communication, fiber optical sensor, CATV, etc.

KEY FEATURES

- ✓ Measurement of the power of optical sender (dBm and W)
- ✓ FC/SC/ST general purpose interface, no need of adaptor
- ✓ Insertion loss test of optical devices
- ✓ New REF user-defined
- ✓ Wavelength of 850 nm/1310 nm/1490 nm/1550 nm/1625 nm
- ✓ Dust cap to protect the connectors from dust

APPLICATIONS

- In detecting and locating fiber faults
- In measuring power output
- In measuring loss in fiber cable or device
- In fiber installation and maintenance

TECHNICAL SPECIFICATIONS

Power Detecting Range	-70 dBm to 10 dBm or -50 dBm to 26 dBm
Wavelength	800 nm – 1700 nm
Probe	InGaAs
Detection Limit	ϕ0.03 in (1.0 mm)
Standard Wavelength	850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm
Display Resolution	0.01 dBm
Working Temperature	-4 °F to 158 °F (-20 °C to 70 °C)
Power Supply	1.5 V × 3 pcs
Dimension (L × W × H)	6.3 in × 2.95 in × 1.26 in (160 mm × 75 mm × 32 mm)
Weight	0.55 lbs (250 g) without battery