

OPM-UE is Ultimate Edition of Multi Meter products with OPM included VFL using high sensitivity detector, single chip microprocessor control. The design meets the requirements of human body function, which is beautiful and durable. Optical Power Meter and Visible Fault Location adopt embedded detector and laser, which can be well protected. Optical Power Meter, RJ45 Sequence and flashlight are standard configuration. Visible Fault Location, RJ45 Tracking and Bluetooth are optional. They are mainly used for continuous optical signal power measurement, optical fiber link loss test and optical fiber line on-off test. They are widely used in optical cable construction and maintenance, optical fiber communication, optical cable sensing, optical CATV and other fields.

Product Specification

Type	OPM-UE
Identify wavelength range	800/1700nm
Power Range	$\leq -50\text{dBm} \sim +26\text{dBm}$
Detector Type	InGaAs
Uncertainty	5%
Standard Wave	850/980/1270/1300/1310/1490/1550/1577/1625/1650nm
Identified Frequency	270Hz/330Hz/1kHz/2kHz
Display resolution	Linear display:0.1%, Logarithmic display:0.01 dBm
Storage	1000 Items
Custom Wave	50
Wavelength Recognition	Supported
Display	Segment code screen
Power Supply	Rechargeable Li-battery;1500mAh
Automatic Shutdown Time	10min/30min/60min/120min
Battery	24h
Operating Temperature	$-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Storage Temperature	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Humidity	0~95%No condensation
Weight	235g
Dimensions	140mm x 32mm x 73mm

Optical Light Source

Wavelength	1310/1490/1550 $\pm 20\text{nm}$
Output Power	$\leq -5\text{dBm}$
Power Regulation Range	0~6dB
Power Regulation Step	1dB
Working Mode	+0.2dB/15min(After 15 minutes of preheating)
Stability	CW/270Hz/330Hz/1kHz/2kHz/ID/TWINS
Optical Connector	FC/SC

Visual Fault Locator

Wavelength	650 $\pm 30\text{nm}$
Output Power	$\geq 10\text{mW}$
Working Mode	CW/1Hz/2Hz
Optical Connector	Universal jointFC/SC/ST

Features Product

- 10 Wave power measure
- Reference power can be set and relative power displayed
- Wavelength ID recognition
- Threshold display icon is $\sqrt{\times}$ and the threshold can be set
- Custom wavelength
- Automatic shutdown time can be set
- RJ45 Cable Sequence test
- Frequency identification
- Data upload, use with the upper computer

