MultiMeter Laser source with OPM

MultiMeter Laser source with OPM

MultiMeter Laser source with OPM

Variants

OPM with OLS

Details

The **DT-22 Optical Multimeter** is a highly cost-effective fiber optic testing instrument that combines an **Optical Power Meter** and **Laser Light Source** in a single handheld device. It supports data storage, USB communication, wavelength switching, and frequency detection, making it ideal for fiber installation, testing, troubleshooting, and maintenance.

Power Range

-50 ~ +26 dBm

Storage Capacity

1000 Records

Laser Source

1310/1550nm

USB Interface

Mini USB

Key Features

? Optical Power Meter + Laser Source in One Device

? Automatic Wavelength Switching Function

? Stable Optical Output Performance

? Frequency Light Detection

? USB Communication & Data Upload

? Data Storage Up To 1000 Records

? Real-Time Data Reading

? Portable & Lightweight Design

Applications

Telecommunication Maintenance

CATV Networks

Digital Data Networks

- FTTH Testing
- Optical Communication Research
- Fiber Installation Projects

Technical Specifications

Parameter	Specification
Model	DT-22
Calibration Wavelengths	850 / 1300 / 1310 / 1490 / 1550 / 1625 nm
Testing Range	-50 ~ +26 dBm
Display Resolution	0.01 dB
Measurement Uncertainty	±0.25 dB
Linearity	±0.1 dB
Frequency Identification	10 kHz
Light Source Range	-70 ~ +6 dBm
Working Wavelength	1310 / 1550 nm (Customizable)
Typical Output Power	-5 dBm (Customizable)
Output Stability	? 0.1 dB (30 min @ 20°C)
Modulation Frequency	CW / 270Hz / 1kHz / 2kHz
Data Storage	1000 Records

Parameter	Specification
Communication Interface	Mini USB
Power Supply	3 × AA Batteries / Mini USB 5V Adapter
Battery Backup	Source ON ? 50h, Source OFF ? 200h
Auto Power Off	10 Minutes
Operating Temperature	-10°C ~ +60°C
Storage Temperature	-25°C ~ +70°C
Dimensions	175 × 90 × 44.5 mm
Weight	265 g (Without Battery)

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