

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

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