

### **TM-102 Model Optik Light Source**

TM102 Optical laser light source is a self-developed instrument, Which features advanced control technology , high output, ultra low-power operation. It can work at 1625nm, 1550nm, 1490nm, 1310nm, 1300nm, 850nm、 650nm, single wavelength 、 dual-wavelength or tri -wavelength. It can export a variety of modulation frequency (CW, 270HZ, 1KHZ, 2KHZ). It is widely used in optical communication, optical measurement, optical fiber sensing, and so on.

#### Description



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#### **Features:**

1. Good stability in output power
2. Optional auto-shutdown
3. Large LCD display and backlight
4. Battery power display

## Application

1. Maintenance Telecom
2. Maintenance CATV
3. Test Lab of Fiber Optic
4. Optical fiber sensors

## Specifications

Type	TM102
Emitter Type	FP-LD
Wavelength (nm)	650、850、1300、1310、1490、1550、1625 (1-3 wave)
Optical Connector	FC (SC/ST can be optional)
Output Power(dBm)	$\geq 3m w @ 650nm$ ; $\geq -7dBm @ 850/1300nm$ $\geq -7/0dBm @ 1310/1490/1550/1625nm$
Output Stability(dB)	$\pm 0.04@20^{\circ}@15min$
Modulation Frequencies	CW,2Hz@650nm;CW,270Hz,1KHz,2KHz@others
Fiber Type	SM、MM
Power Supply	AAA 1.5V(3pcs batteries)
working time(h)	40hours
Operating Temperature( $^{\circ}$ )	-10~+50
Storage Temperature( $^{\circ}$ )	-20~+70
Dimension(mm)	125*65*29mm
Weight(g)	160

## Order Numbers

TM-102S1: Single wavelength: 1310\*1550\*850\*1300nm (optional)

TM-102S2: Single wavelength: 1490\*1625nm (optional)

TM-102D1: Double wavelength : 1310/1550 SM

TM-102D2: Double wavelength: 850/1300 MM

TM-102D3: Double wavelength : 1310/1490 SM

TM-102D4: Double wavelength : 1550/1490 SM

TM-102T1: Triplicate wavelength : 1310/1550/1490 SM

TM-102T2: Triplicate wavelength : 850/1300/1490 MM+SM

TM-102T3: Triplicate wavelength : 1310/1550/650 SM+Visible red laser

TM-102T4: Triplicate wavelength : 850/1300/650 MM+Visible red laser

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Haberleşme sistemlerinde **yüksek performansı** yakalayın

