



## ***Light Source with Multi-Wavelength (Single Laser Output)***

**Product ID: GAO-VLS-105**



GAOTek Light Source with Multi-Wavelength (Single Laser Output) is a handheld device that gives a high stability multi-wavelength output from a single laser source. It can provide 1 to 4 wavelengths output according to the specific requirements including the 650 nm red source, 1310 nm/1550 nm wavelength for the single mode fiber and 850 nm/1300 nm wavelength for the multimode fiber or other wavelengths as per the requirement. This device when combined with an optical power meter can be used for measuring optical loss on both single mode and multimode fiber cable.

### **KEY FEATURES**

- ✓ 1~4 wavelengths output which are optional according to customer requirement
- ✓ High stability of the output power
- ✓ Backlight LCD display supports night operation
- ✓ Alternative 10 minutes Auto-off function conserving battery life

### **APPLICATIONS**

- Telecommunication Networks
- CATV Networks
- Cabling Systems Engineering
- Research and Education

## TECHNICAL SPECIFICATIONS

Wavelengths	650 nm	1310 nm/ 1550 nm	850 nm/ 1300 nm	850 nm/ 1300 nm/ 1550 nm	850 nm/1300 nm/1310 nm/ 1550 nm
Emitter Type	FP-LD, LED or others				
Typical Output Power	0 dBm	-7 dBm for LD, -20 dBm for LED			
Spectral Width	≤10 nm				
Output Stability	± 0.05 dB/15 min, ± 0.1 dB/8 hours				
Modulation Frequencies	CW, 2 Hz CW, 270 Hz, 1 KHz, 2 KHz				
Optical Connector	FC universal FC/PC adaptor				
Power Supply	Alkaline Battery (3 AA 1.5 V batteries)				
Battery Operating Time	45 hours				
Operating Temperature	14 °F ~ 140 °F (-10 °C ~ 60 °C)				
Storage Temperature	-13 °F ~ 158 °F (-25 °C ~ 70 °C)				
Dimensions	5.98 in × 2.91 in × 1.02 in (152 mm × 74 mm × 26 mm)				
Weight	0.39 lbs (180 g)				