

# MLS-50B

## CWDM Multi-wavelength Laser Source



ShinewayTech MLS-50B Multi-wavelength Laser Source is a CWDM Light source which application is for CWDM system specially. Custom design feature matches different requirements for different wavelengths, DFB laser, FP laser and control individually. It's suited to apply to fiber communication product testing and application in the field for its high-power output, compact size and impressive stability.



### Specifications

Model	
Wavelength ( $\pm 20\text{nm}$ )	1270、1290、1310、1330、1350、1370、1390、1410、1430、1450、1470、1490 1510、1530、1550、1570、1590、1610nm
Display	7 inch TFT touch screen (800x480)
Emitter Type	DFB-LD
Spectrum Width	$\leq 5\text{nm}$
Output Power	$\geq -3\text{dBm}$
Stability	$\leq \pm 0.05\text{dB}/5\text{min}$ $\leq \pm 0.15\text{dB}/8\text{hour}$
Connector Type	FC/UPC (Interchangeable SC, ST)
Fiber Type	Multi / Single mode Fiber
Power Supply	Rechargeable Li-on battery/AC Adapter
Battery Life	10 hours continuous operation
Operating Temperature	$0^{\circ}\text{C} \sim 50^{\circ}\text{C}$
Storage Temperature	$-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Relative Humidity	0 to 95%

Weight	2.1 KG
Dimensions(LxWxH)	290x175x75mm

\* Specifications subject to change without notice

## Ordering Information

### Standard Package Includes:

Instrument, FC/PC connector, Li-on rechargeable battery, AC adapter, Soft carrying case, Warranty card,

Certificate of calibration, Quick reference guide.