



METRIC
INDUSTRIAL

mini Light Source mLS



TheFibers®
CREATIVE FIBERS

mini Optical Light Source is controlled by Smartphone or PC via USB or Bluetooth. mLS-100 is suitable for testing in both SM (1310nm & 1550nm) and MM (850nm & 1300nm). mLS-100 is very small 102(w) x 32(h) x 24(d)mm and can be operated as a stand-alone light source with LCD, battery, buttons and LED indicators. Its universal 2.5mm adapter will accept FC, SC, ST, E2000. mPM has a built-in rechargeable battery, and is easily charged by standard smartphone charger (micro USB 2.0 type).

Features:

- Stabilized Light Source
- SM 850nm & 1300nm, SM 1310nm & 1550nm
- Very small and lightweight
- Controlled by Smartphone or PC via USB or Bluetooth
- Smartphone application software and PC software
- Li-ion Polymer Rechargeable battery
- Battery charging via a USB interface
- Universal 2.5mm adapter to accept FC, SC or ST
- Universal 1,25mm adapter available as option (LC, MU)
- Reference light source for optical test



Specifications:

PARAMETERS		VALUES
Fiber type		Single-mode and Multi-mode
Calibrated wavelength	mLS 100-35	1310 nm and 1550 nm for singlemode
	mLS 100-83	850 nm and 1300 nm for multimode
LD Type		FP-LD
Output Optical Power Range		0 dBm ~- 40 dBm
Spectral width (rms)		<5 nm
Stability		±0,02 dB (15 minutes) @ 23°C
Tunable range		40 dB
Display unit		Nm, dBm
Battery	Type	LI-ion Polymer, Rechargeable
	Power	3,7 V
	Life	3 hours (Continuous usage)
	Charging time	1 hour
General	Size	32 x 102 x 24 mm
	Weight	70 g
	Display	2,1" LCD w/LED backlight, 3 LED indicators
	External Interface	USB 2,0, Bluetooth

Standard delivery:

- Light Source (Rechargeable battery included)
- Smart USB Data cable (Smartphone to mPM-100B)
- PC USB cable (PC to mPM-100B)
- Necklace
- User manual

Ordering information:

GX01-200004 mLS 100-35
GX01-200005 mLS 100-83

