JILONG
Since 1993



Optical Light Source OLS-43

- 5000mAh High-capacity Battery
- RJ45:Wire sequencing
- Carrier Output
- 4.3-inch Touch Screen
- Handheld, Compact and Light
- Lighting

OLS-43 Optical Light Source

A optical light source is a high-precision instrument specifically designed for optical communication testing.

Application scenarios



Optical Link Test

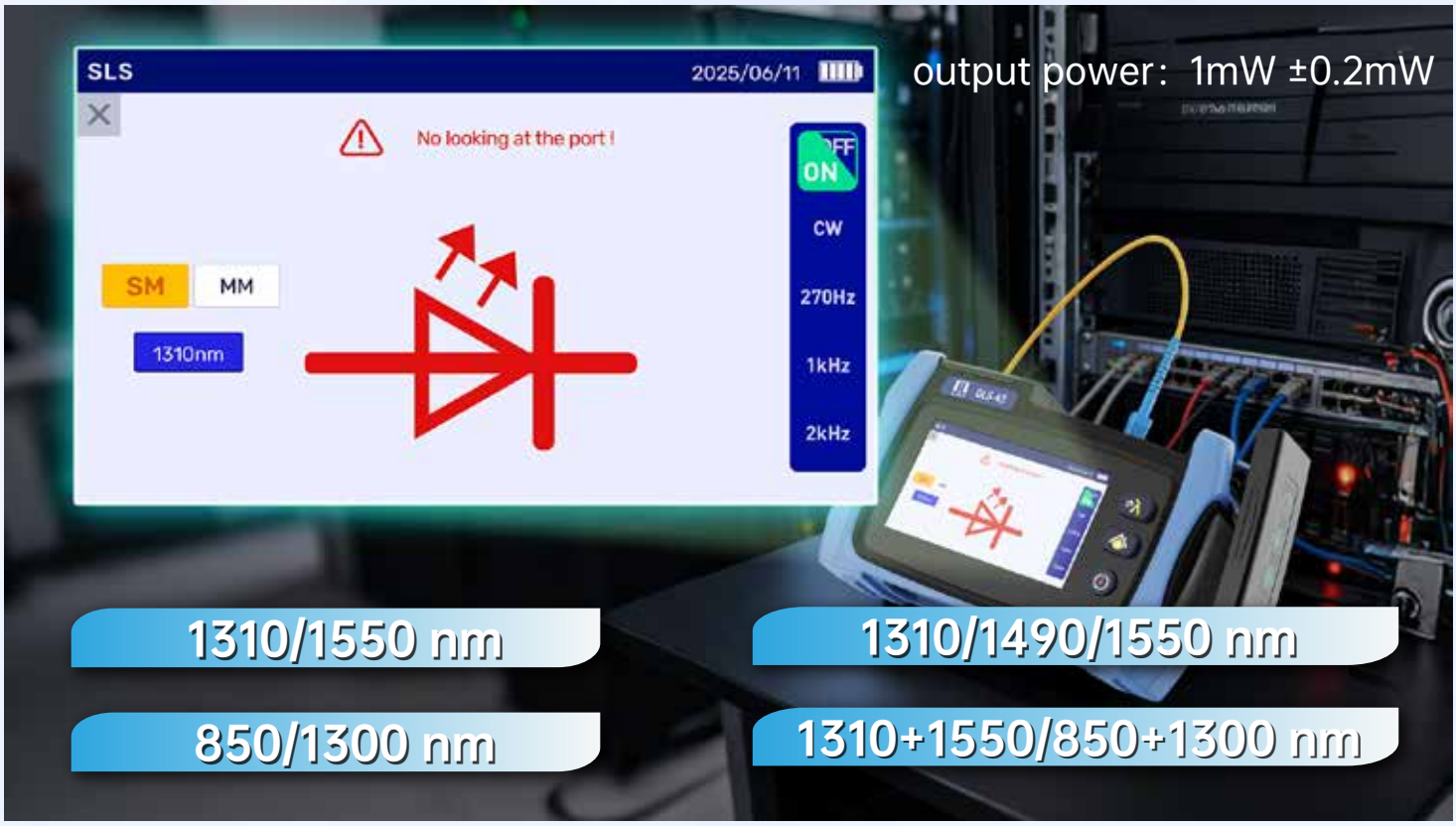


fiber optic sensing



Optical cable construction and maintenance

4 Models Available



Modulated Carrier Output

Continuous Wave (CW) output with multiple modulation frequencies.



4.3-inch touch screen



Network Wire Sequencing

Accurate wire sequencing and determine the signal transmission interface design to prevent signal loss.



Hidden Holder Design

Tackle handheld inaccuracy. Boost your efficiency. Minimize operator fatigue.



Type-C Charging

Universal power. Unpacked convenience.



5000mAh High-capacity Battery

No matter the environment. No interruptions to your work.



Built-in lighting for easier operation

High-brightness built-in work light. Enables effortless cable work in low light



All-Body Shock-Absorbing Rubber Casing

Rubber design reduces shock, falls, and bumps, protecting the machine



Supports FC/SC adapters



FC



SC(Optional)

Product Configuration

① Carrying Casex1

② OLS-43x1

③ Power Cord x1

④ RJ45 Remote Module x1

⑤ Shoulder Strap x1











Product Display

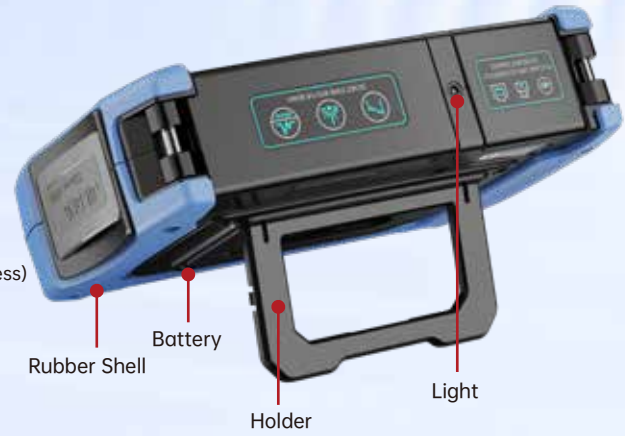
Front

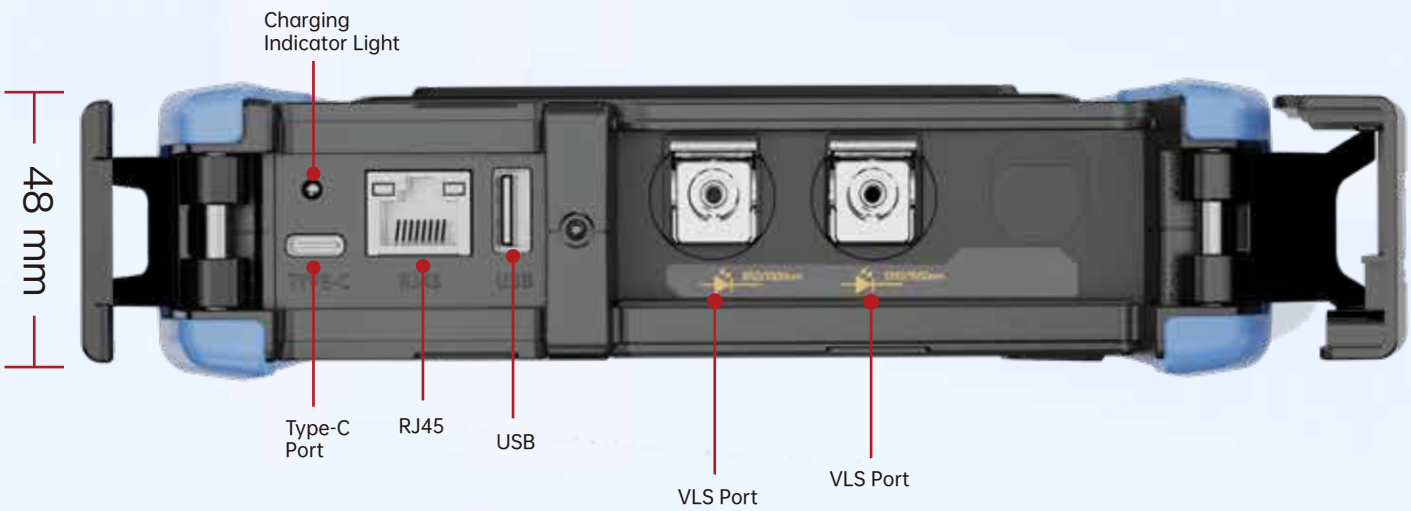


Back









Parameters

OLS Parameters

Model	OLS–43–S	OLS–43–M	OLS–43–P	OLS–43–MS
Wavelength （nm）	1310/1550	850/1300	1310/1490/1550	1310+1550/850+1300
Spectral width （nm）	⩽5	/	⩽5	SM⩽5
Output power	⩾–1dBm			
Output stability（dB）	±0.05dB/15min，±0.2dB/8h			
Modulation frequency	CW, 270Hz ， 1kHz ， 2kHz			
Working Temperature	–10~+50 （℃）			
Storage Temperature	–20~+60 （℃）			
Auto Power-Off Time	10min			

RJ45 Networks Test

Wavelength (nm)	CAT5、CAT6
Distance of Cable Collationl	300m
Distance of emitting signal	300m

General Parameters

Language	English, Chinese, Spanish, French, Portuguese, Russian, Thai, Korean
Optical Fiber Port	FC/UPC (SC/UPC optional)
Display Screen	4.3–inch color LCD display screen
Port	Charging port x 1， USB 2.0 x 1, RJ45 x 1
Working Temperature	–10 – 50˚C (0–40 ℃ for use with power, 0 to 35 ℃ battery charging)
Storage Temperature	–20 to 60˚C
Height	4000 m
Humidity	0 to 90% RH
Power Mode	5V，3A(DC adapter)
Battery	3.7V,5000mAh,⩾18.5Wh
Lighting	Light Intensity>15000mcd
Size	179 mm (W) × 112 mm (H) × 48 mm (D)
Weight	0.6 kg (Unit + Battery)

Note: All specifications are based on measurements with a new battery at 23˚C ± 2˚C.

Contact us

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