JILONG

Since 1993



OPM-43V OPM-43

OPM & VFL

OPM & VFL

The OPM/VFL Combo is an all-in-one testing solution in the optic communications field. It is primarily used in optical cable installation and maintenance, telecommunication network deployment, and structured cabling systems. This tool delivers essential functions including fiber continuity testing, optical power measurement, and fault location. It provides communication engineers and network technicians with an efficient and convenient one-stop testing solution.

Application scenarios



Structured Cabling System



Telecommunication Network Deployment



Cable Installation and Maintenance

Two Series

SERIES	OPM-43V	OPM-43
		
	OPM & VFL	OPM
OPM	✓	✓
VFL	✓	✗

4.3" HD Capacitive Touchscreen

Swipe to switch functions—3x faster than traditional buttons. The display remains clearly visible even in direct sunlight.



9 wavelengths to meet your requirements

Switch between 9 wavelengths with one key. A single tool that doubles efficiency by meeting all your cross-scenario needs.



Powerful Beam. Effortless Trace

Locate fiber faults by their red glow from a distance—eliminating the need for close-up, section-by-section inspections and reducing repetitive climbing, crawling, and bending.



RJ45 Network Wire Sequencing

Pinpoint every hidden flaw to build and maintain networks with greater efficiency.



User-initiated Calibration

No More Ship-and-Wait. Just immediate diagnostics and controlled costs.



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



Interchangeable Universal Port Design

Designed to sustain peak performance by cutting avoidable return costs and unplanned downtime.



Supports FC, SC Adapters



FC (Optional)



SC (Standard)

Product Configuration

① Carrying Case x1

② OPM x1

③ Power Cord x1

④ RJ45 Remote Module x1

⑤ Shoulder Strap x1



Product Display

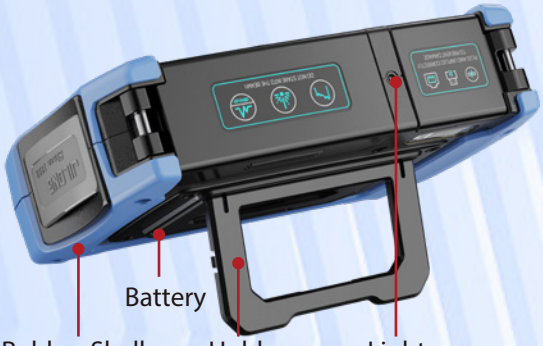


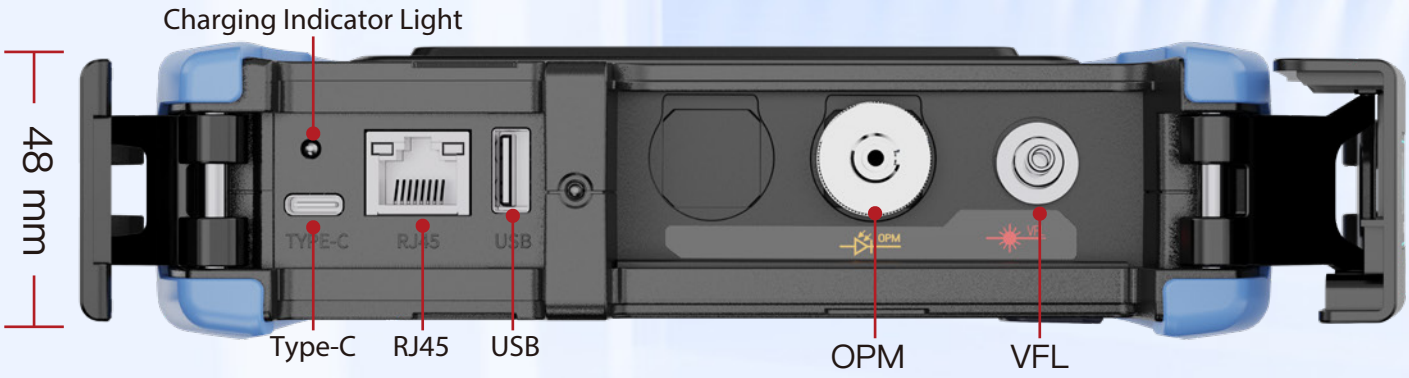
Front





Back





Parameters

Product		OPM & VFL	OPM
Type		OPM-43V	OPM-43
OPM Parameters	Wavelength Range (9)	850~1650(nm)	
	Calibration Wavelength(9)	850/1270/1300/1310/1490/1550/1577/1625/1650(nm)	
	Power Measurement Range	-70~+6(dBm)	
	Uncertainty/Accuracy	< (±0.2dB or ±5%)	
	Power Stability	±0.1dB	
	Resolution Ratio	0.01dB	
	Internal Storage	900	
	User Self-Calibration	√	
VFL Parameters	Operating Wavelength	650±10(nm)	/
	Optical Source	LD Laser Source	
	Output Power	10mW	
	Operating Mode	CW (Continuous Wave) or Modulated Light	
	Modulation Frequency	CW，2kHz	
	Laser Safety Class	Class 3R	

RJ45	Wavelength (nm)	CAT5、CAT6
	Distance of Cable Collationl	300m
	Distance of emitting signal	300m
General Parameters	Auto Power-Off Time	10min
	Language	English, Chinese, Spanish, French, Portuguese, Russian, Thai, Korean
	Optical Fiber Port	SC/UPC (FC/UPC Optional)
	Display Screen	4.3-inch color LCD display screen
	Port	Charging Port x1，USB 2.0x1，RJ45x1
	Working Temperature	-10-50℃(0-40℃ for use with power, 0 to 35 ℃ battery charging)
	Storage Temperature	-20~60℃
	Height	4000 m
	Humidity	0to 90% RH
	Power Mode	5V, 3A (DC adapter)
	Battery	3.7V, 5000mAh, ≥18.5Wh
	LED Lighting	Light Intensity>15000mcd
	Data Storage	Memory: Save 100 pieces of data for each wavelength（OPM）; External Storage:USB
	Size	179 mm (W)x 112 mm (H) x 48 mm(D)
	Weight	0.6 kg (Unit + Battery)

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

CONTACT US

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