



TC-43 OPTICAL MULTI METER

Optical Power Meter + VFL + LED Flashlight + RJ45 Cable Sequence



I. INTRODUCTION

TC-43 series Optical Multi Meter is mainly used for continuous optical signal power measurement, optical fiber link loss testing and optical fiber line on-off testing. Widely used in optical cable construction and maintenance, optical fiber communication, optical cable sensing, optical CATV and other fields. The fuselage design meets the requirements of human body function and adopts advanced thermoplastic moulding technology, which is beautiful and durable. The red-light integrator of optical power meter can be well protected by using embedded detectors and lasers. The tester has compact shape, automatic shutdown function, back light display, wavelength memory function, support user calibration, wide test range, support lighting.

II. SPECIFICATIONS

Optical Power Meter (standard)

Wavelength Range	800~1700nm	
Connector	2.5MM Universal	
Detector Type	InGaAs	
Power Test Range	-70~+6dBm	-50~+26dBm
Uncertainty	±5%	
Standard Wavelength	850/980/1270/1300/1310/1490/1550/1577/1625/1650nm	
Display Resolution	Linear display: 0.1%; Logarithmic display: 0.01dBm	
Recognizable Frequency	270Hz, 300Hz, 1kHz, 2kHz	

RJ45 Cable Sequence (standard)

Test Distance	300m
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VFL (optional)

Wavelength	650nm±30nm
Output Power	2mw/15mw/30mw
Mode	CW/1Hz/2Hz
Connector	2.5MM Universal

Others Parameters

Power Supply	Lithium Battery, 3.7V/700mAh
Battery Duration	≥120h (OPM)
Automatic Shutdown Time	10min
Working Temperature	-10℃ ~ +50℃
Storage Temperature	-40℃ ~ +70℃
Relative Humidity	0~95% No condensation
Dimension	120*70.5*27.5mm
Weight	130g



III. OPTICAL POWER METER (Standard)

10 Optional Wavelengths

850/980/1270/1300/1310/1490/1550/1577/1625/1650nm



850nm

980nm

1270nm

1300nm

1310nm

1490nm

1550nm

1577nm

1625nm

1650nm



SC



FC



ST

IV. RJ45 CABLE SEQUENCE (Standard)

Accurately measure the network line sequence, judge that the signal transmission is portable and not occupying land, to prevent loss



V. LED Flashlight (Standard)

LED lighting, easy to check the line in the dark environment, work more convenient



VI. VISUAL FAULT LOCATOR (Optional)

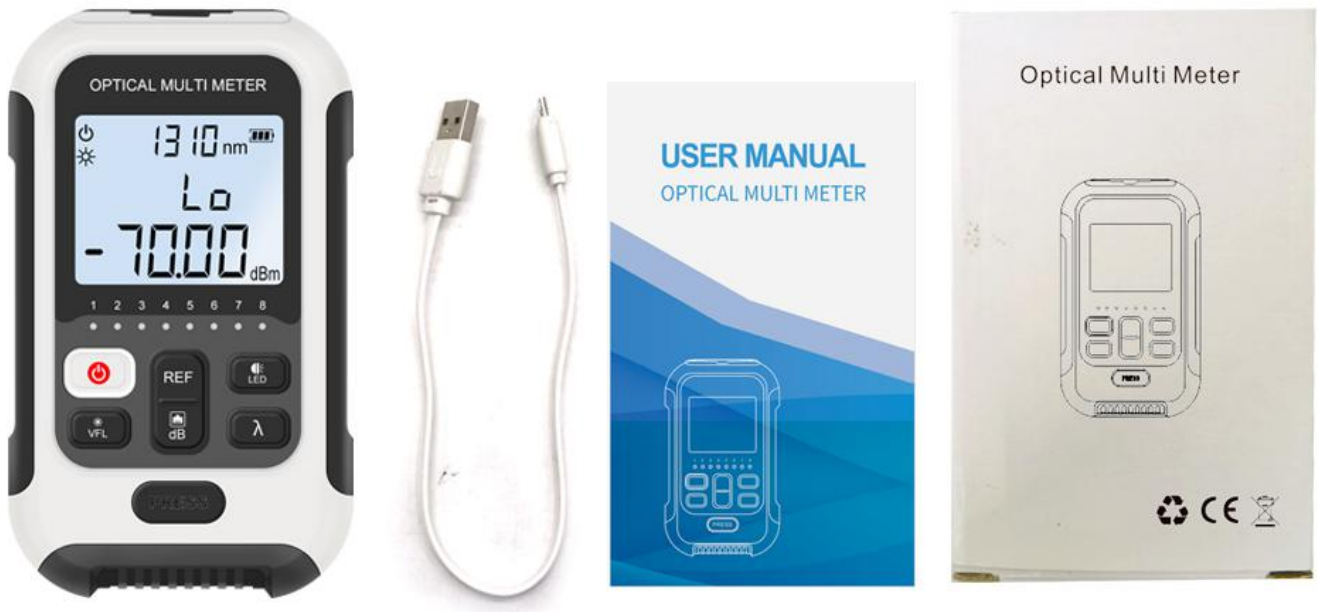
— 2MW/15MW/30MW

Visual Fault Locator

Stable light emission, strong light source, easily penetrate long-distance optical fiber and use together to improve work efficiency



VII. PACKAGING

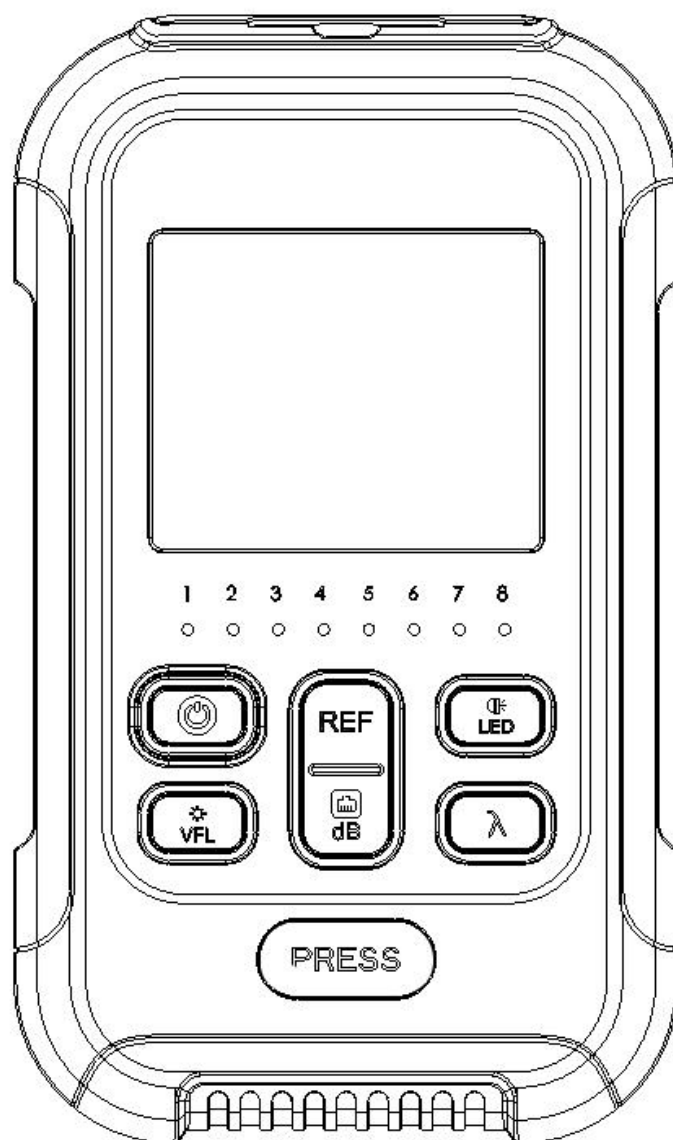


Optical Multi Meter | User Manual | USB Cable | Box



VIII. ORDERING INFORMATION

MODEL: TC-43A	- Optical Power Meter Function (Test Range is -70~+6dBm) - RJ45 Cable Sequence Function - LED Flashlight Function
MODEL: TC-43A-V2	- Optical Power Meter Function (Test Range is -70~+6dBm) - 2mw VFL Function - RJ45 Cable Sequence Function - LED Flashlight Function
MODEL: TC-43A-V15	- Optical Power Meter Function (Test Range is -70~+6dBm) - 15mw VFL Function - RJ45 Cable Sequence Function - LED Flashlight Function
MODEL: TC-43A-V30	- Optical Power Meter Function (Test Range is -70~+6dBm) - 30mw VFL Function - RJ45 Cable Sequence Function - LED Flashlight Function
MODEL: TC-43B	- Optical Power Meter Function (Test Range is -50~+26dBm) - RJ45 Cable Sequence Function - LED Flashlight Function
MODEL: TC-43B-V2	- Optical Power Meter Function (Test Range is -50~+26dBm) - 2mw VFL Function - RJ45 Cable Sequence Function - LED Flashlight Function
MODEL: TC-43B-V15	- Optical Power Meter Function (Test Range is -50~+26dBm) - 15mw VFL Function - RJ45 Cable Sequence Function - LED Flashlight Function
MODEL: TC-43B-V30	- Optical Power Meter Function (Test Range is -50~+26dBm) - 30mw VFL Function - RJ45 Cable Sequence Function - LED Flashlight Function



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