Fiber Toolkit

Product Overview:

Portable optical power meter is an accurate and durable handheld meter designed for the installation, operation and maintenance of optical fiber network. It is a compact device with backlight switch and auto power on-off ability. Besides, it provides ultra-wide measurement range, high accuracy, user self-calibration and universal port. In addition, it displays linear indicators (mW) and non-linear indicators (dBm) in one screen at the same time.

Features:

Self-calibration by user himself
Rechargeable lithium battery supports continuous work for up to 48 hours.
Linear indicators (mW) and non-linear indicators (dBm) display in one screen
Unique FC/SC/ST universal port (see Figures 1,2), on complex conversion
Optional auto power-off ability
Backlight ON/OFF

Special functions:

The product provides three modes, i.e.: factory mode, user mode and working mode, it usually enters working mode.

Serial port commissioning:

Connect serial port plug to PC's serial port, you can access data and calibrate the meter(see the Figure on the right)via PC.

Specification:

Type	A	B
Wavelength(nm)	800~1700nm	
Detector	InGaAs	
Measurement Range (dBm)	**-70~+10**	-50~+26
Uncertainty	±0.2（5%）	
Calibrated Wavelength(nm)	850,980,1300,1310,1490,1550 (more calibrated wavelength can be optional)	
Resolution(dB)	Linear indication: 0.1% Logarithmic indication: 0.01dBm	
Optical Connector	FC/ Universal 2.5mm adaptor (FC,SC,ST interchangeable connector can be optional)	
Power Supply	Alkaline Battery(3 AA 1.5V batteries)	
Battery Operating Time	240 h with 1.5V Battery(3)	
Operating Temperature	-10 ~ +60℃	
Storage Temperature	-25 ~ +70℃	
Relative Humidity	0 to 95% (non-condensing)	
Dimension(mm)	190×100×48	
Weight	600g	

10mW 650nm Pen-type Visual Fault Fiber

The 650nm Pen-type Visual Fault Finder is specially designed for field personnel who need an efficient and
Economical tool for fiber tracing, fiber routing and continuity checking in an optical network during and after installation.
It includes:
Finding the breakpoint, poor connections, bending or cracking in fiber optic cables.
Finding the faults of OTDR

2.5mm universal connector

Operates either in CW or Pulsed
Constant output power
Lower Battery warning
Long battery life (up to 60 hours)

Specifications:

Wavelength	650nm±10nm
Emitter Type	FP-LD laser
Output power	10mW
connector	2.5mm universal adapter
Working mode	Both CW and Pules available
Operating temperature	-10~+45 °C
Storage temperature	-40~+70 °C
Power	2pcs AA battery
Working hours	≥ 60
Weight	100g (excluding batteries)
Dimension (mm)	220 X 27

FC-6S Precision Cleaver Optical Fiber Cleaver Sumitomo Electric Cut Cutting Tools

The FC-6S fiber optic cleaver is used for single fiber cleaving. This FC-6S optical fiber cleaver is available with a single fiber adapter for 250 to 900 micron coated single fibers. It is a simple operation for the user to remove or install the single fiber adapter and alternate between mass and single fiber cleaving.

Fiber optic cleaver FC-6S, high precision, preparation for single fiber (cleave length 6~20mm)/ribbon fiber cables (up to 12 counts, cleave length 10mm).

Sumitomo Fiber Optic Cleaver FC-6S Features:

Compact body& light weight

Applicable up to 12-fiber cleaving

36000 fibers blade life (3 height x 12 positions)

Fiber scrap collection-free

Sumitomo Fiber Optic Cleaver FC-6S Application:

Fiber preparation

Package Includes :

1 x Optical Power Meter

1 x Fiber Cleaver FC-6S

1 x 10Mw Visual Fault Locator

1 x CLAUSS Fiber Optic Stripper

1 x Fiber Optic Stripping Tool

1 x FC/ Universal 2.5mm adaptor

1 x Wire Stripper

1 x Fiber Cleaver Blade

1 x Cotton swabs bag

1 x Fixed-length Fiber optic wire stripping

1 x Fiber coating stripper cutting guider way

1 x ESD ALCOHOL BOTTLE