Multi-function Fiber Tester
ALK-503 Series of Handheld Optical Multi-meter
(OPM+ VFL+RJ45 Cable Tester)

Product Description

 ALK-503 series is a combination of optical power meter, visual fault locator, RJ45 cable tester and LED light all-in-one machine, which is a brand new product independently researched and developed by our company according to the market and customer needs. The product combines the characteristics of domestic and foreign optical test instruments, with friendly operation interface, dynamic and lively appearance, flexible function settings, and provides users with more convenient and fast operation experience. The ultra wide wavelength range, ultra wide power test range, accurate measurement accuracy and self-contained self calibration function make the user's work more perfect. It's widely used in the fields of optical cable construction and maintenance, optical fiber communication, optical fiber sensing, optical CATV,

network cable fault testing, etc. It provides accurate and stable support for the installation, operation and maintenance of optical fiber networks.

Features

- Optical power meter(OPM), visual fault locator (VFL), network cable sequencing and lighting in one
- Support 10 kinds of wavelengths testing 850/980/1300/1310/1490/1550/1577/1625nm
- Suitable for 10G EPON/X GPON downlink 1490/1577nm power testing
- Support automatic shutdown
- Support backlight switch
- Support Wavelength Memory Function
- Support frequency identification
- Support user calibration
- Support user zeroing
- Comes with universal Interface.
- Support VFL constant and scintillation
- Support simultaneous display of linear mW and non-linear index dBm
- Support simultaneous linear (mW) and non-linear (dBm) display
- Support RJ45 sequence testing
- Chargeable Li-battery.

Specification

Model	ALK-503-A1	ALK-503-A2	ALK-503-A3	ALK-503-B1	ALK-503-B2	ALK-503-B3
OPM						
Measurement range (dBm)）	-70〜+6	-70〜+6	-70〜+6	-50〜+26	-50〜+26	-50〜+26
Type	InGaAs					
Wavelength range (nm)[1]	800~1700					
wavelength （nm）	850/980/1300/1310/1490/1550/1577/1625					
Uncertainty [3]	±0.15dB					
Display resolution	0.001dB					
VFL						
Out power	10mW	20mW	30mW	10mW	20mW	30mW
RJ45 test	Y					
General parameters						
Operating temperature (℃)	-10〜+60					
Storage temperature (℃)	-25~+70					
Automatic shutdown time (min)	10					
Power	Lithium battery					
Weight (g)	150					
Overall dimension (mm)	118×72×32					