

UNI-T

Optical Multimeter

- Continuous optical signal power measurement
- Fiber optic continuity detection
- Wire to wire test



**FC
SC ST**

Universal interface



650nm LD light source

IP54

IP54 protection level



RJ45 network cable
to line test

Apo

Automatic shut-down



Large capacity lithium
battery




Flashlight function




Optical power test

Red light function

Insert the optical fiber under test into the red light pen interface, press the "  " red light button in the power-on state, and select the red light continuous or pulse mode for testing.



RJ45 function switch (Pairing function)

Long press "  " 2S to turn on or off the RJ45 test mode, and turn off the optical power meter function in the line mode. One machine is multi-purpose, and the line function can be realized by removing the auxiliary machine and connecting the main machine. The auxiliary machine LED light flashes to judge, real-time display, and easy judgment of the line result.



Optical power measurement

Absolute power measurement: set the test wavelength, connect the test optical signal, the screen displays the linear value (unit mw, nw, uw) and non-linear value (unit dbm) of the measured absolute optical power.
Relative power (loss) measurement: main application
It is used to test the insertion loss or fiber link loss.



ST interface



SC interface



FC interface

Support FC/SC/ST interface

Only one instrument is needed to match the Type 3 optical fiber connector, avoiding the cumbersome need to carry multiple measuring instruments and frequent replacement. Compatible with various types of optical fiber connectors such as network transceivers, optical transceivers, cable televisions, self-healing ring networks, etc., with high versatility, one optical power meter can meet various connector detection requirements.

Auto shutdown function

In the power-on state, short press the power button  to turn on/off the automatic shutdown function

The automatic shutdown symbol is not displayed
Auto shutdown function is off




Automatic shutdown symbol display
Auto power off is on



Linear value mw /nw/uw and nonlinear value dBm are displayed simultaneously

Optical Multimeter can display on the same screen (mw, nw, uw), dBm or dBm, dB, dB is the approximate value of the measured fiber insertion loss, the non-linear value is a value that represents the absolute value of the power, and the linear value represents the light in the unit time The work done within.



Unit switching: Short press the "  " key to change the data display unit. You can select dBm, dB, (mw, nw, uw) units in sequence, and the test data will be displayed with the corresponding results.

8 test wavelengths can be freely selected

(850nm, 980nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm, 1650nm), while the LCD displays the corresponding wavelength. Wavelength memory function: power on and display the wavelength set before power off



IP54 waterproof and dustproof

It adopts industrial waterproof and dustproof design, with IP54 waterproof and dustproof grade, can be compatible with more complicated and harsh use environments, to ensure the service life of the product and accurate measurement, and increase the user's work efficiency.



