NEW GENERATION MULTIFUNCTION MACHINE

ADDED RANGING, LINE HUNTING
6W POWER ADJUSTMENT

SIX IN ONE FUNCTION

- VFL — STRONG RED LIGHT
- OPM — OPTICAL POWER METER
- NETWORK HUNT
- LASER RANGING
- LED LIGHTING
- NETWORK TEST

INNOVATIVE DESIGN NEW CONCEPT

High-precision die-casting rubber overmold, new black screen process design
Intelligent automatic switch machine design, feel the convenient use experience

CONSUMER GRADE CRAFT
INDUSTRIAL QUALITY

ERGONOMIC DESIGN

Ergonomic design
The curve fits the palm and is comfortable to hold

OPEN LID TO WORK, CLOSE LID TO SHUT DOWN

The box is processed by a special process
Factory inspection 10W times of opening and closing does not affect the automatic switch machine

STRONG RED LIGHT SOURCE

Stable luminescence
Easily penetrate long distance fiber

HOW TO USE RED LIGHT SOURCE (VFL)

OPEN THE BOX AT THE TOP RIGHT
THEN INSERT THE FIBER JUMPER TO TEST THE RED LIGHT

THREE LEVELS OF RED LIGHT ADJUSTABLE BRIGHTNESS

Three-speed red light power saving design,long press VFL to adjust brightness
(Note: 5km without brightness adjustment function)

HIGH PRECISION OPTICAL POWER DETECTOR

The measurement error is less than 0.5dB
(can be manually calibrated)

SUPPORT SC/FC/ST COMMON INTERFACE

HOW TO USE OPTICAL POWER METER (OPM)

OPEN THE TOP LEFT COVER AND INSERT THE JUMPER TO TEST

RJ45 PAIRING FUNCTION

1. GENTLY PRESS THE BUTTON ON THE BACK OF THE MAIN UNIT AND CAREFULLY PUT THE PART ALIGNED WITH THE

NOTE: AS SHOWN IN THE MACHINE

2. THE MAIN COMPUTER AND SLAVE COMPUTER HAVE BOTH PLUGGED INTO THE NETWORK CABLE TWO SIDE, THE NETWORK CABLE TEST WILL START AUTOMATICALLY

NETWORK LINE HUNTER (OPTIONAL)

Long press the LED button for 2 seconds to turn on/off the line finder function

LASER RANGEFINDER (OPTIONAL)

ONE-KEY DISTANCE MEASUREMENT, EASILY RESPOND TO WORK NEEDS
UP TO 40M EFFECTIVE DISTANCE

THE RIGHT SIDE OF THE MACHINE IS THE REFERENCE POINT

HOW TO USE THE RANGEFINDER

PRESS THE REF BUTTON IN ANY STATE TO USE THE RANGING FUNCTION
PRESS THE REF KEY AGAIN TO MEASURE THE DISTANCE, PRESS ANY OF THE ABOVE FOUR KEYS TO EXIT

AUXILIARY LIGHTING FUNCTION

50MM AND AUXILIARY MACHINES ARE EQUIPPED WITH LED LIGHTS
ONE-KEY USE OF LIGHTING WITHOUT TURNING ON

SHORT PRESS THE LED BUTTON
TO TURN ON THE LIGHTING FUNCTION

BUILT-IN LITHIUM BATTERY

LARGE CAPACITY LITHIUM BATTERY
LONG-LASTING BATTERY LIFE, SAFE CHARGING, SAFE USE

UNIVERSAL CHARGING INTERFACE

USB+5V

BATTERY CAPACITY

1100MAH

SUPPORT NOTEBOOK, CHARGING HEAD, CAR CHARGER
POWER BANK AND OTHER COMMONLY USED USB 5V PORTS

7 WAVELENGTHS WAVELENGTH MEMORY

PRESS AND JUMP TO SWITCH BETWEEN 7 DIFFERENT TEST WAVELENGTHS
AUTOMATICALLY MEMORIZE THE PREVIOUS WAVELENGTH AFTER SHUTDOWN

SELF-CALIBRATION

FLEXIBLE CALIBRATION, ACCURATE MEASUREMENT, FAST FACTORY RESTORATION

STANDARD DISPLAY INTERFACE

1 POWER ON STATE

LONG PRESS UNIT FOR 2 SECONDS
ENTER CALIBRATION MODE

2

SHORT PRESS λ, KEY +0.05DBM
SHORT PRESS THE VFL BUTTON -0.05DBM

3

SHORT PRESS UNIT KEY TO SWITCH
DIFFERENT WAVELENGTH CALIBRATION

4

LONG PRESS UNIT KEY TO SAVE AND EXIT CALIBRATION MODE

FACTORY SETTINGS

UNIT+DB LONG PRESS THE KEY COMBINATION FOR 2 SECONDS TO RESTORE THE
FACTORY SETTINGS AND COMPLETE THE AUTOMATIC RESTART OF THE MACHINE

AUTOMATIC FREQUENCY IDENTIFICATION

ACCURATELY IDENTIFY THE OPTICAL FIBER TRANSMISSION FREQUENCY
WHICH CAN BE USED TO DETERMINE THE LIGHTING MODE DURING THE
ENGINEERING PROCESS, WHETHER IT IS CONTINUOUS AND INTERMITTENT LIGHTING

DATA STORAGE VIEW

ONE-CLICK STORAGE, VIEW AT ANY TIME
40 AUTOMATIC COVERAGE CYCLE STORAGE

PRESS REF FOR 2 SECONDS TO STORE DATA PRESS REF+LED FOR 2 SECONDS TO VIEW DATA

PRODUCT PARAMETER

WAVELENGTH RANGE	800-1700
MEASURING RANGE	-70~+5, -70~+10, -50~+26
STANDARD WAVELENGTH	850,980,1300,1310,1490,1550,1625
DISPLAY RESOLUTION	Linear display: 0.1% logarithmic display: 0.01dBm
RED LIGHT WORKING WAVELENGTH	650nm
UNCERTAINTY	5.10 (20.30 can be customized)
FREQUENCY IDENTIFICATION	0,270,1000,2000Hz
RJ45 HUNTING DISTANCE	200m
LASER TEST DISTANCE	40m
INPUT VOLTAGE	3~6V
AUTOMATIC SHUTDOWN TIME	10 minutes
BATTERY CAPACITY	1100mAh rechargeable lithium battery
CONTINUOUS WORKING TIME	About 72 hours
INSTRUMENT SIZE	115*71*30mm
PACKAGE DIMENSIONS	170*90*47mm
NET WEIGHT	145g

BUTTON DESCRIPTION

PRODUCT STANDARD

HOST, PRODUCT WARRANTY CARD, CERTIFICATE, INSTRUCTIONS FOR USE, CHARGER, CERAMIC TUBE

PACKING BOX