TFN

GP200

OPTICAL CABLE CENSUS INSTRUMENT

INTELLIGENT MULTIFUNCTIONAL OPTICAL FIBER MEASURING INSTRUMENT

TOUCH SCREEN + BUTTON

Touch the key for double operation

LOW POWER MODE

Long working hours

REMOTE SENSING

Hundreds of kilometers sensing vibration

STRONG ENVIRONMENTAL ADAPTABILITY

Any situation is acceptable
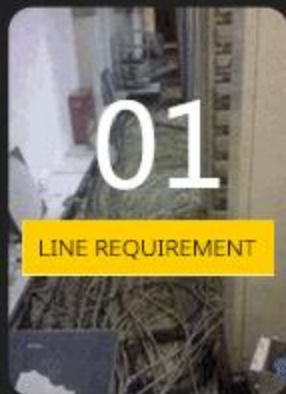
HIGH RECOGNITION ACCURACY

Nondestructive testing

AUTOMATIC OR MANUAL OPTIONS ARE OPTIONAL

Two modes of operationtesting

PERFORMANCE ADVANTAGE

01

LINE REQUIREMENT

Small selectivity for the end of the line, PC, APC breakpoint, whether the end reflection can be tested

02

INSTRUMENT FUNCTION

Cable search, line length test, line OTDR curve test

03

LONG RANGE MODEL

100km, single ended test, no ring required at the end

04

ANTI-CROSSTALK

High accuracy, no crosstalk adjacent optical cable

HUNDRED-KILOMETER SENSING

1550nm	≥25dB	<6W
MECHANICAL VIBRATION OF OPTICAL CABLE	SIGNAL TO NOISE RATIO	POWER
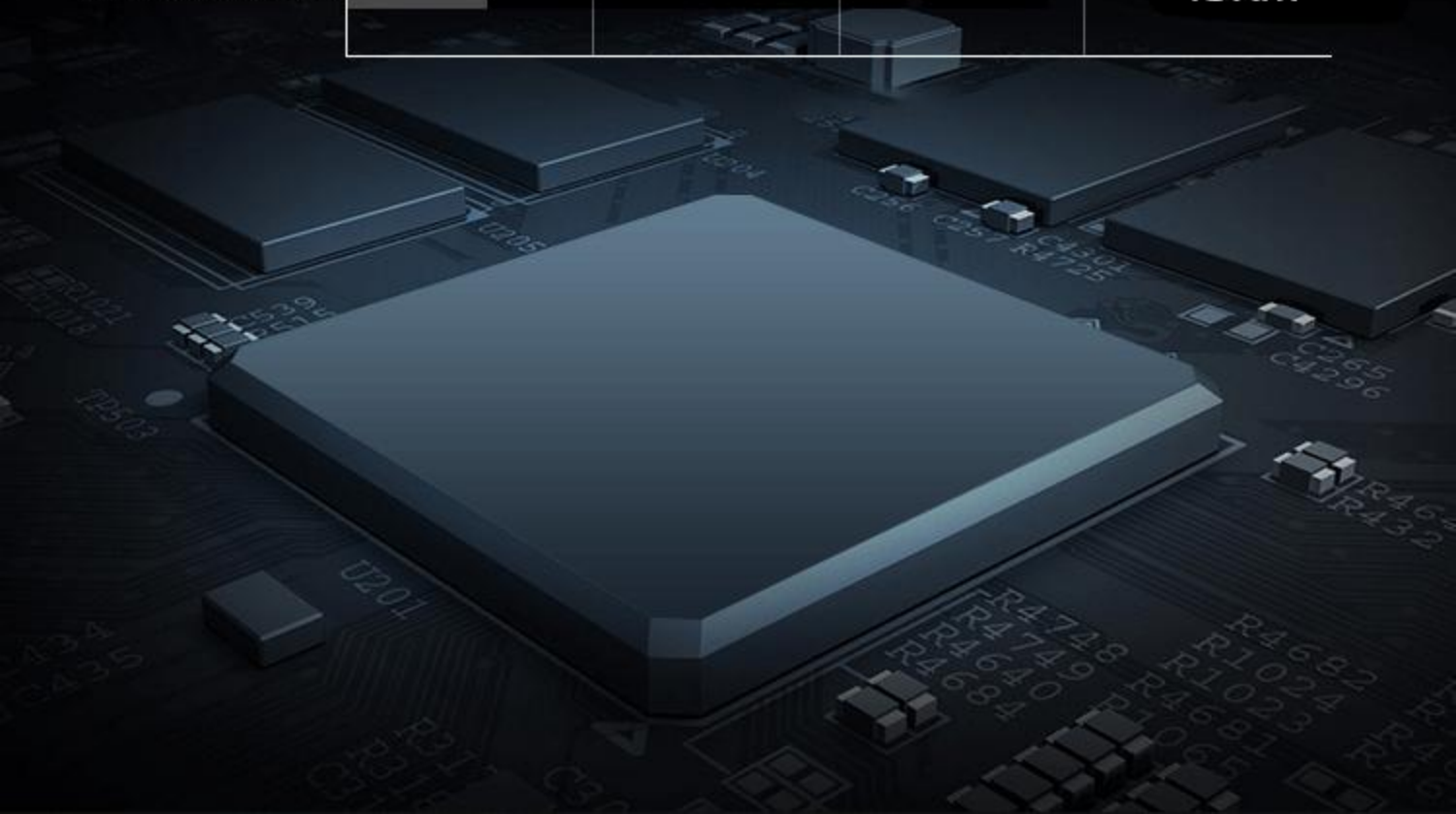
GP-200 (100km)	100KM
GP-200 (40km)	40KM
OTHER CENSUSES	15KM

TFN

GP200

电平: 5

SHIFT

ENTER

ESC   A-B

OCID
OTDR
PWR

LARGE CAPACITY LITHIUM BATTERY

7.4V 1.4Ah WORK MORE THAN 10 HOURS

产品型号：
Model code   TFN GP200   充电输入：DC12V/3A
                                                           Charging input

序列号：   体积：150x235x66mm
Serial number   8401210100020186   Dimensions

生产日期：
Production date   2020.01.30

注意：
不可直视光射线，避免正对眼睛反射，1类测试产品。
CAUTION:
INVISIBLE LASER. AVOID EYE EXPOSURE. CLASS 1 LASER PRODUCT.

Made in China

CE FC

Combined Rayleigh scattering and digital data processing technology, strong adaptability to the line environment. The target cable can be found and identified in complex environments such as common broken cable lines or terminal APCs

LINE TEST REQUIREMENTS

GENERAL OPTICAL CABLE SURVEY INSTRUMENT

The cable is broken. No response to knocking. Cable end APC, or intermediate breakpoint, bend, end no reflection knock is also no sound

GP200 OPTICAL CABLE CENSUS INSTRUMENT

The cable is broken. No response to knocking. Cable end APC, or intermediate breakpoint, bend, end no reflection knock is also no sound

ACCURACY AND CROSSTALK ADVANTAGES

GENERAL OPTICAL CABLE SURVEY INSTRUMENT

The accuracy is low, the crosstalk between adjacent optical cables is serious, and the target optical cables cannot be distinguished

GP200 OPTICAL CABLE CENSUS INSTRUMENT

Adjacent optical cable without crosstalk, high accuracy

GENERAL OPTICAL CABLE SURVEY INSTRUMENT
A third worker is required to add reflectors to the end of the cable

GP200 OPTICAL CABLE CENSUS INSTRUMENT
No loopback is required and only two crew members are needed to find the cable
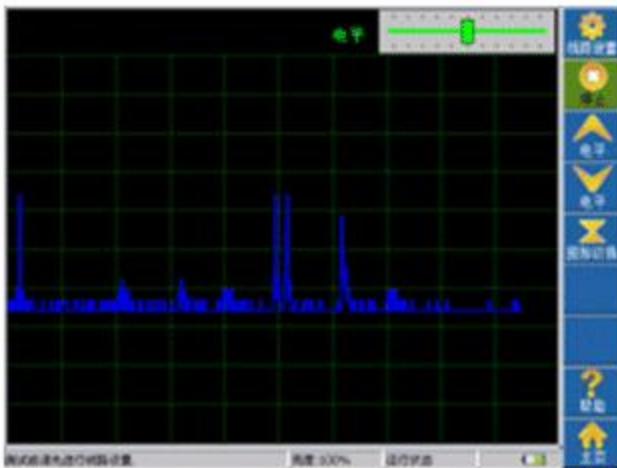

TAP

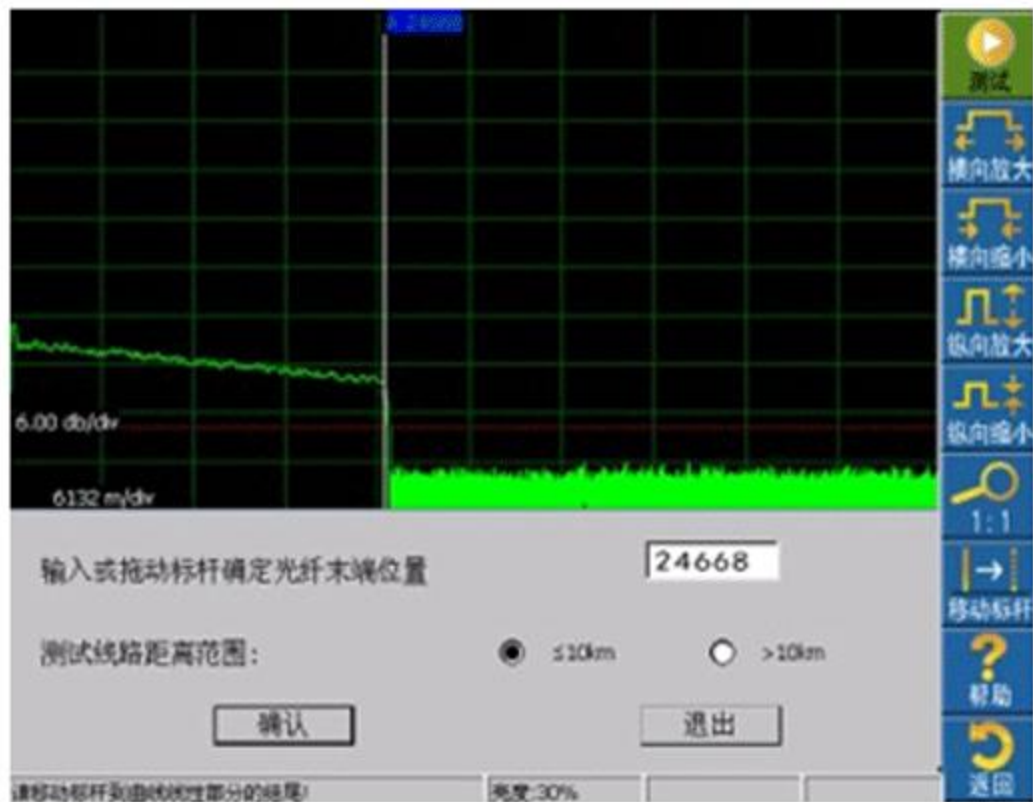

CLEAR VOICE

ECG WAVEFORM DISPLAY AND AMPLITUDE DISPLAY FREELY SWITCH

OTDR curve analysis, reflection, loss and length measurement · Assist in determining the fault point location of the cable

DETAIL PRESENTATION

PORTABLE DETACHABLE HANDLE

Refined woven handle, easy to carry anytime and anywhere

90° SUPPORT BRACKET

Strong support, stable and not easy to fall, can tilt 45°

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Production date   2021 03 30

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Charging input
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Dimensions

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不可见激光辐射，避免光束照射，1类激光产品。
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CE FC

90°

IT COMES WITH A STYLUS

Small and portable, touch screen is more convenient

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PRODUCT PARAMETER

OPTICAL CABLE CENSER			
MODEL NUMBER	GP200		
MEASUREMENT MODE	SINGLE FIBER TEST (NO LOOPBACK REQUIRED		
OPERATING WAVELENGTH	1550nm±20nm		
TEST DISTANCE	40km		60 km
UNIDIRECTIONAL CABLE LOSS	14dB		24dB
OUTPUT MODE	REAL-TIME WAVEFORM DISPLAY	SUPPORT	SUPPORT
	REAL-TIME AUDIO PROMPT	SUPPORT	SUPPORT
INITIAL BLIND AREA	NO BLIND SPOTS		
SIGNAL-TO-NOISE RATIO	>10dB		
OPTICAL FIBER TYPE	SMF		
OPTICAL CONNECTORS	FC/APC		

PRODUCT DESCRIPTION

MAIN COURSE KEY

MEASURE/STOP KEY

CONFIRM KEY

A/B LINE SWITCH KEY

POWER KEY

BACK BUTTON
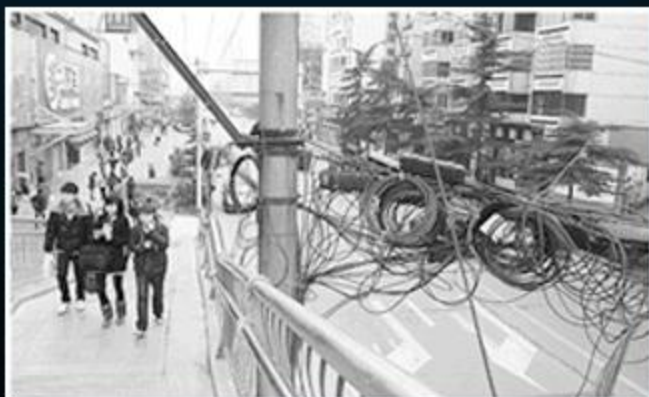
APPLICABLE APPLICATION FIELD

Applications such as pipeline, tunnel, human well and overhead environment, according to the single optical fiber accurately identify the remote optical fiber.

It is used for the communication operator's computer room construction, line transformation, line maintenance, line rush repair, cable cutting, cable resources survey, duty maintenance, cable standard management

PRODUCT DISPLAY

TFN

GP200

SHIFT

ENTER

ESC

A-B

OCID

OTDR

OCID
OTDR
PWR

TFN

GP200

电平： 5

线路设置
测试

SHIFT

ENTER

ESC A-B

OCID
OTDR
PWR

测试蓄电通讯线路设置 　　亮度 100% 　　运行状态 STO

TFN GP200

OCID OTDR

OTDR

OCID

UPC

APC

OTDR

OCID

UPC

APC

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PRODUCT CONFIGURATION

DETAILS OF GIFTS

1. machine cleaning brush
2. Kevlar scissors
3. clean cotton swabs
4. disposable clean cotton
5. 10 km red light pen

6. cleaning air blow
7. mini alcohol pot
8. Miller pliers
9. leather wire pliers
10. grinder

11.Screwdriver set
12.Optical power meter