

# TF-1300



# NEW DESIGN



## One-Shot Detects All

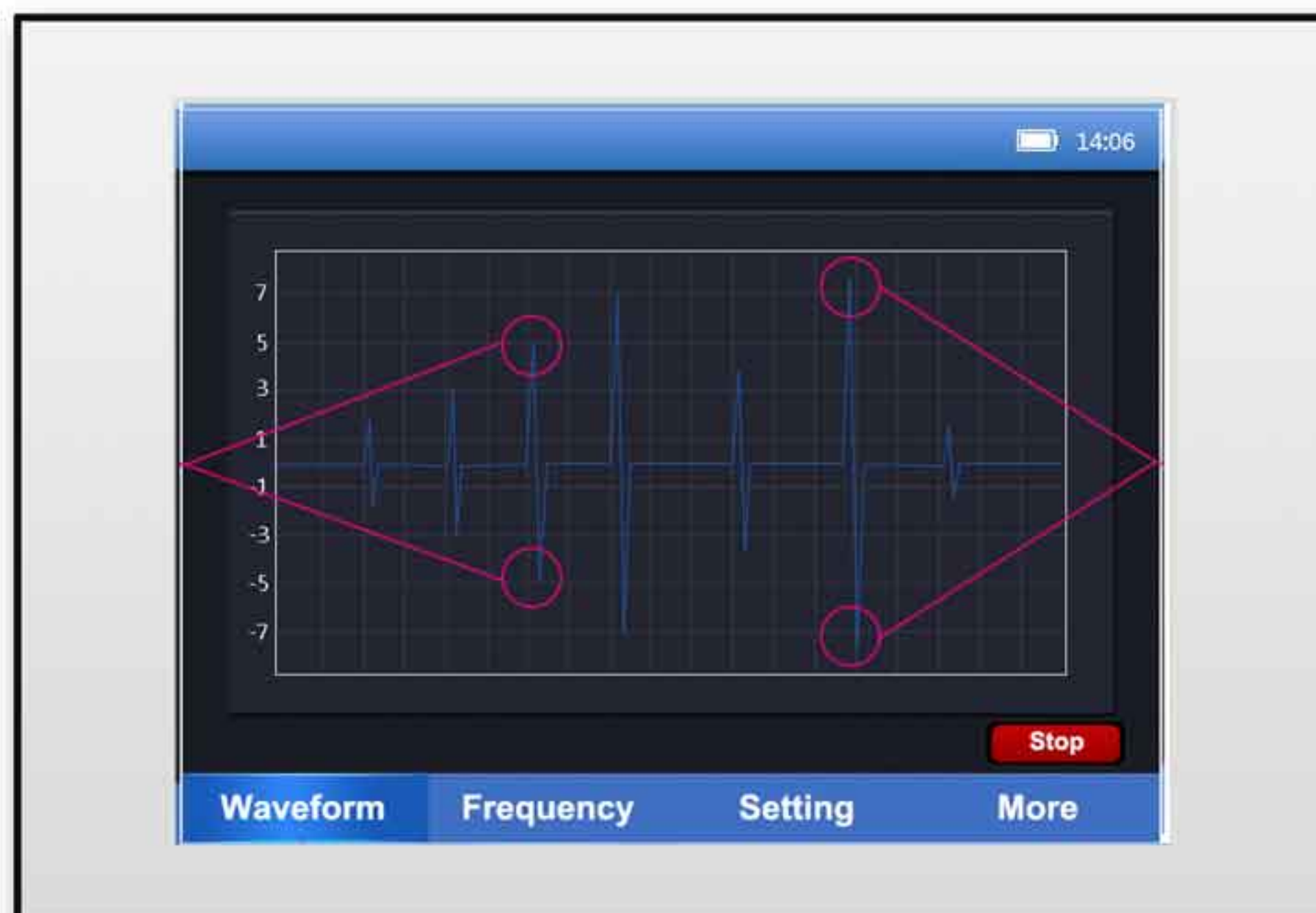
*The most affordable full function productivity tool for your FTTx projects*

# TF-1300 Optical Cable Identifier

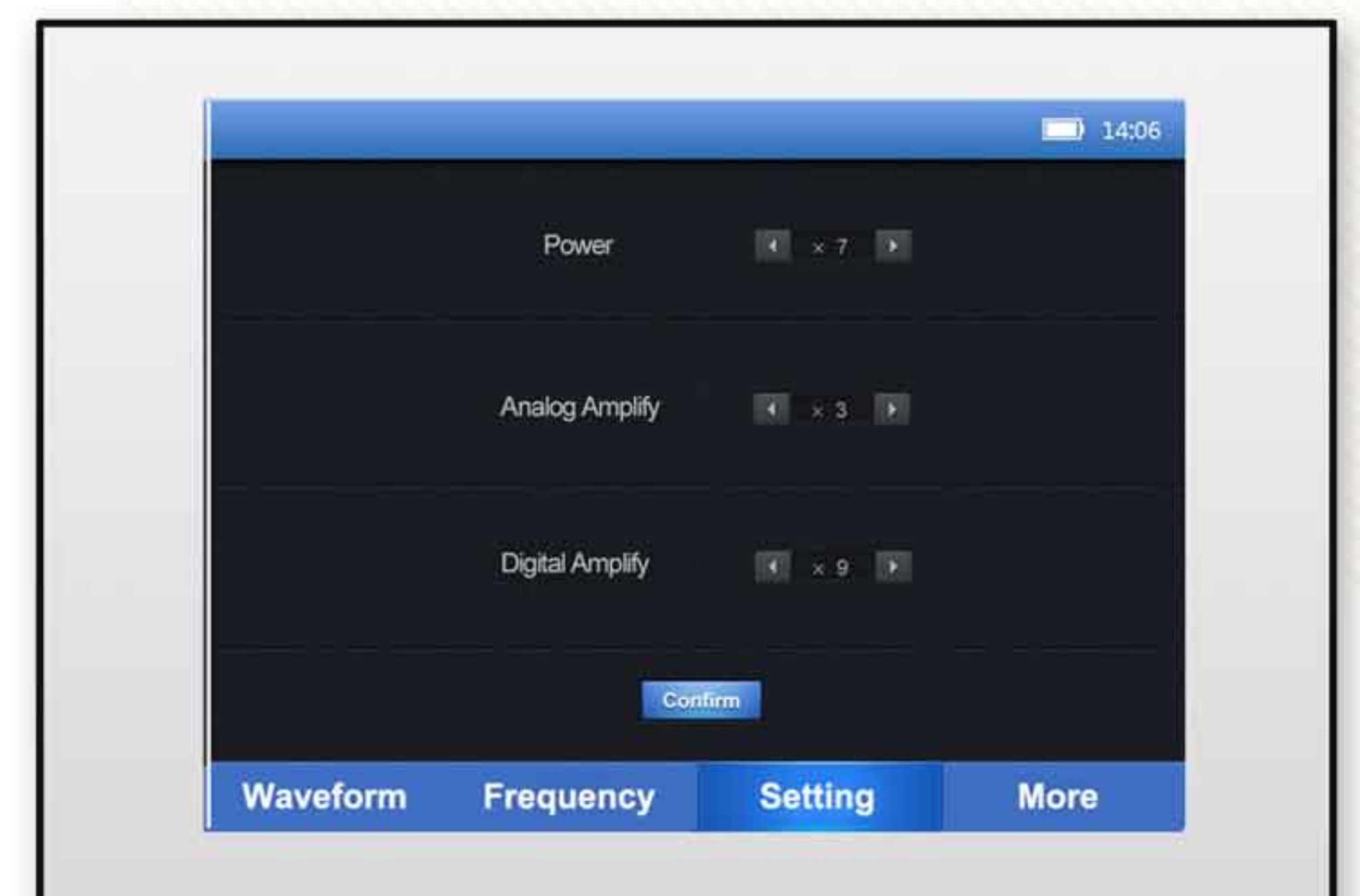
Audio Visual Output | Automatic Parameter Adjustment



**Strong environmental adaptability**



**Audio visual signal output**



**High-precision human assisted options**

- Automatic parameter adjustment
- Audio visual signal output
- Strong environmental adaptability

- Cable identifier, one shot detects all
- World`s highest signal sensitivity

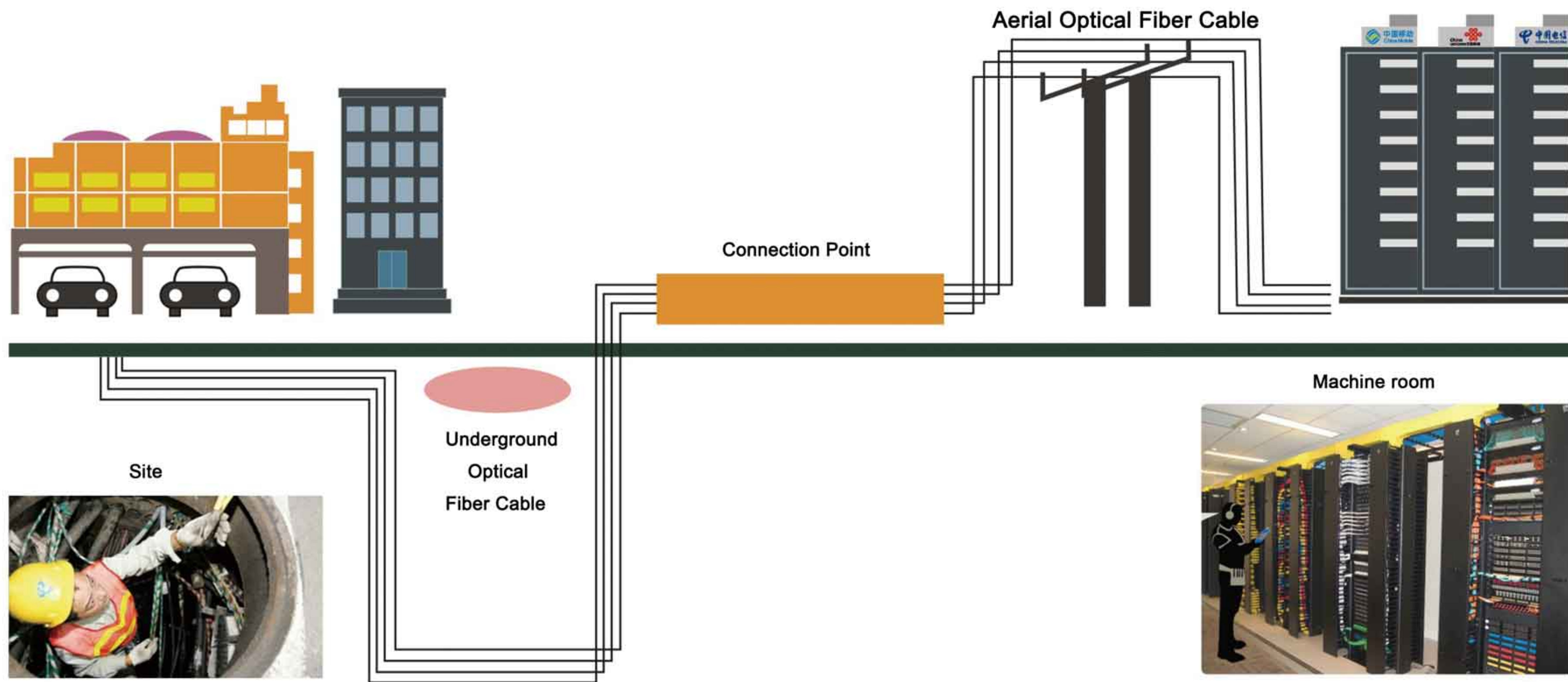


**Maxwellon**



## Background and Features

While we are conducting the routine maintenance and cutover diversion work for our cable resources and pinpointing the target cable, We are, often than not, required to have an intuitive judgment for the fiber link status, which means that the construction works need to carry the optical cable distinguishing instrument and optical time domain reflectometer(OTDR). The device integration and multi-functionalization are the inevitable development trend; therefor we need a new instrument integrated with both functions.



**Voice Communication**

Hey, got a sight of the tapping waveform?

inefficient and not intuitive, which affects the accuracy of the optical cable locating

**Clairvoyant Wireless Transmission**

TF1300 Series optical cable distinguishing instrument effectively improves the efficiency and accuracy in locating the optical cables!

Not this one, try another one! Not this one either, try another again!

After turning on the optical cable distinguishing instrument, I can just leave it to the on-site engineers!

The central part of the diagram compares 'Voice Communication' (marked with a red X) and 'Clairvoyant Wireless Transmission' (marked with a green checkmark). It shows a man on a phone struggling to find a waveform versus a man using a mobile phone to view a waveform clearly. On the right, it shows a man repeatedly trying different instruments versus a man confidently using the Maxvellon instrument.

## Product Appearance Advantages

The diagram highlights several features of the Maxvellon TF1300 instrument:

- Multiple shell reinforcement; solid and impact resistant**
- High-resolution large-size touch screen; intuitive to use**
- Optical port output protective lid; to prevent accidental injury to human**
- Simple button; one key start-up**
- Integrated interfaces; easy plug-in and out**
- 10-inch touch screen**
- Optical port for breakpoints testing**
- Optical port for cable identification and testing**
- Reset button**
- USB**
- 12V Power jack**
- Headphone jack**
- Change indicator**
- Switch**



## Specifications

Item		TF1300A	TF1300B	TF1300C
<b>Optics</b>				
Detection mode		Single fiber detection ( unnecessary for looping back)		
Wavelength		1550nm		
Optical interface		SC/APC		
Max detection distance		40km	60km	80km
<b>Electric</b>				
Display		10-inch industrial-grade touch LCD		
Result output mode	Real-time waveform display	Support	Support	Support
	waveform voice prompt	Support	Support	Support
	APP display	Support	Support	Support
Battery		11.1V, 6400mAh, standby time <sup>2</sup> ≥ 24 hours, Continuous working ≥ 10 hours		
Power Supply		DC 15V/4A		
<b>Machinery</b>				
Volume (H×W×L)		85×270×32mm		
Weight		≤2.7kg		
<b>Environment</b>				
Operating temperature		-10 - 50°C		
Storage temperature		-20 - 70°C		
Best storage condition		keep out of the sun, normal temperature, dry		

## Standard Package

Part name	Part No.	Qty.
Optical Cable Identifier	TF1300	1 pc
Hi-Fi stereo headphone	HF-02	1 pc
Touch handwriting pen	SMF-30	1 pc
AC adapter	AC-12V	1 pc
Fiber pigtails(SC/APC - FC/UPC)	FC-01	1 pc
Carrying case	CS-20	1 pc
Percussion stick	PS-01	1 pc



Optical Cable Identifier  
TF1300



Carrying case  
CS-20



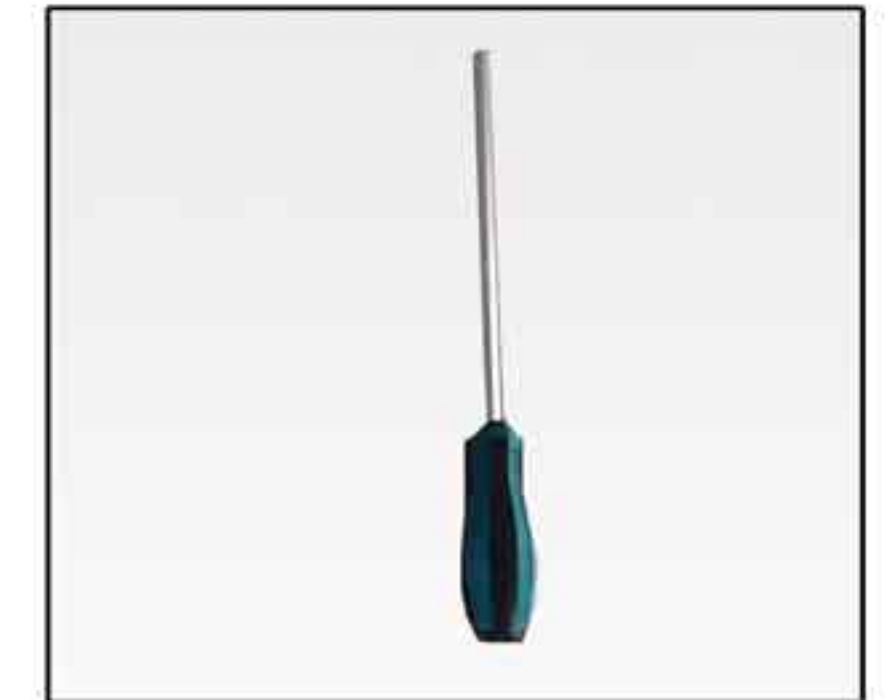
Hi-Fi stereo headphone  
HI-02



AC adapter  
AC-12V



Fiber pigtails  
FC-01



Percussion stick  
PS-01

Please visit **NEW** web site!

<http://www.maxwellon.com>

**MAXWELLON ELECTRONIC INSTRUMENTS CO.,LTD.**

NO.153 Zhuzhou Rd.,Laoshan District, Qingdao 266100, China.

Tel: 0086-532-80977508 Fax: 0086-532-80977508

E-mail: Sales@Maxwellon.com