

Quality&Precise



MAXWELLON TF1301

Basic OTDR Function/ 40km/ 60km/ 80km
Optical Cable Identifier
2025



Maxwellon

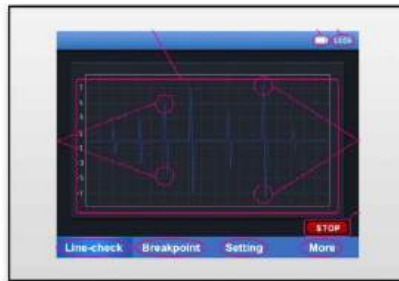
The Maxwellon TF1301 optical cable identifier detects and locates cables in tunnels, pipelines, and overhead installations by converting vibration signals into visual and audio feedback. It simplifies identification with a non-intrusive tapping technique and also supports a basic OTDR function for cable length testing.

■ Key Feature

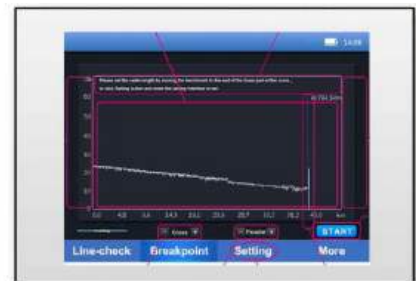
- Basic OTDR Function
- Automatic parameter adjustment
- Cable identifier, one shot detects all
- Audio visual signal output
- World's highest signal sensitivity
- Strong environmental adaptability



APP Real-time Display

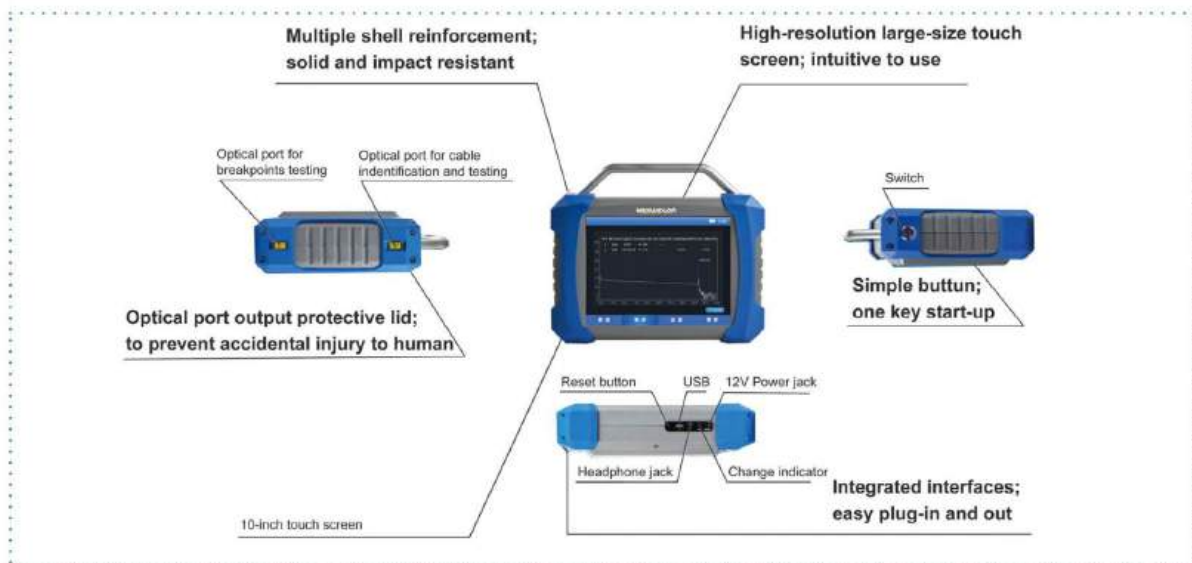


Audio visual signal output



Basic OTDR

■ Interface



Specification

Item		TF1301A	TF1301B	TF1301C
Optics				
Detection mode		Single fiber detection (unnecessary for looping back)		
Wavelength		1550nm		
Optical interface		SC/APC		
Max detection distance		40km	60km	80km
Electric				
Display		10-inch industrial-grade touch LCD		
Result output mode	Real-time waveform display	Support	Support	Support
	Waveform voice prompt	Support	Support	Support
	APP dispaly	Support	Support	Support
Battery		11.1V, 6400mAh, srandby time≥ 24 h, Continuous working ≥ 10 h		
Power Supply		DC 15V/4A		
Machinery				
Volume (H×W×L)		85×270×32mm		
Weight		≤2.7kg		
Environment				
Operating temperature		-10 - 50℃		
Storage temperature		-20 - 70℃		
Best storage condition		keep out of the sun, normal temperature, dry		

Ordering Information

Model	Product Name	Description
TF-1301A	Optical Cable Identifier	40km; 1550nm; SC/APC; With Optical Cable Identifier Function; Support basic OTDR function(cable length test)
TF-1301B	Optical Cable Identifier	60km; 1550nm; SC/APC; With Optical Cable Identifier Function; Support basic OTDR function(cable length test)
TF-1301C	Optical Cable Identifier	80km; 1550nm; SC/APC; With Optical Cable Identifier Function; Support basic OTDR function(cable length test)

Standard Package

Part Name	Part No.	Qty
Optical Cable Identifier	TF1301	1pc
Hi-Fi stereo headphone	HF-02	1pc
Touch handwriting pen	SMF-30	1pc
AC adapter	AV-12	1pc
Fiber pigtails(SC/APC - FC/UPC)	FC-01	1pc
Carrying case	CS-20	1pc
Percussion stick	PS-01	1pc



Optical Cable Identifier
TF1301



Carrying case
CS-20



Hi-Fi stereo headphone
HI-02



AC adapter
AC-12V



Fiber pigtails
FC-01



Percussion stick
PS-01



Maxwellon Electronic Instruments Co.,LTD.

Factory: No.6 Xiangjiang Road, Qingdao 266000, China
Tel: 0086 13816527810

Sales Office: NO.153 Zhuzhou Rd.,Laoshan District, Qingdao 266100, China.
Tel: 0086-532-80977508
Fax: 0086-532-80977508

Sales: Sales@Maxwellon.com
Web: www.maxwellon.com