

Quality&Precise



MAXWELLON TF1302

Locating Knock Position/ Basic OTDR Function/ 40km/ 60km
Optical Cable Identifier
2025



Maxwellon

The Maxwellon TF1302 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 features a basic OTDR function for cable length testing, along with a locating knock position function for precise identification.

■ Key Feature

- With Locating Knock Position Function
- Standard OTDR function(cable length ,cable loss,event point test)
- 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 of waveform

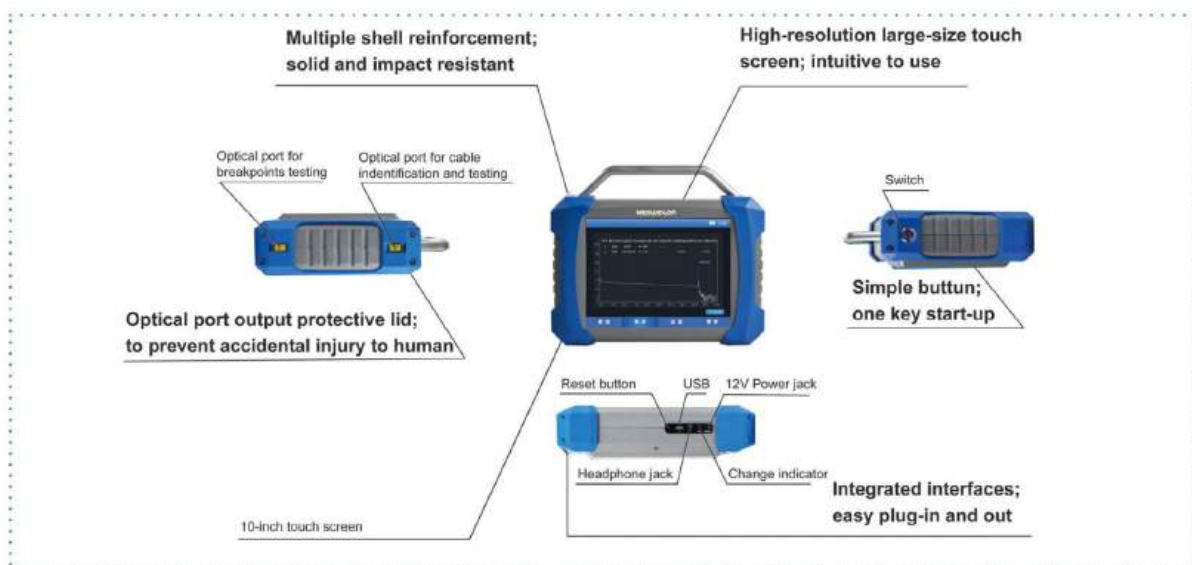


OTDR Function



Locating Knock Position

■ Interface



Specification

Item		TF1302A	TF1302B
Optics			
Detection mode		Single fiber detection (unnecessary for looping back)	
Wavelength		1550nm	
Optical interface		SC/APC	
Max detection distance		40km	60km
Accuracy		<10m	
Electric			
Display		10-inch industrial-grade touch LCD	
Result output mode	Real-time waveform display	Support	Support
	Waveform voice prompt	Support	Support
	APP dispaly	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-1302A	Optical Cable Identifier	40km; 1550nm; SC/APC; With Optical Cable Identifier Function; Standard OTDR function(cable length ,cable loss,event point test); Locating Knock Position Function
TF-1302B	Optical Cable Identifier	60km; 1550nm; SC/APC; With Optical Cable Identifier Function; Standard OTDR function(cable length ,cable loss,event point test); Locating Knock Position Function

Standard Package

Part Name	Part No.	Qty
Optical Cable Identifier	TF1302	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
TF1302



Carrying case
CS-20



Hi-Fi stereo headphone
HI-02



AC adapter
AC-12V



Fiber pigtails
FC-01



Percussion stick
PS-01



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