Technical specifications

TM OPTICS®

TM-1600

Wavelength	1310/1550nm ± 20nm
Dynamic range	24/22dB
Distance setting	Max 260km
Connector	FC/UPC interchangeable adapter or customize
Pulse width	3ns~20μs
Event dead zone	1m
Attenuation dead zone	7m
Ranging Accuracy	± (1m+Sample interval + 0.003% x Test distance)
Display range	0 dB to 40 dB
Display resolution	0.01m (length/ cusor) / ~0.01dB (loss/ los retur
OLS function	Same wavelength and connector as OTDR
OPM function	+26~-50dBm, 850/1300/1310/1490/1550/1625nm, 2.5mm UPP
VFL function	≥10mW, 2.5mm universal connector
Storage	Internal memory or TF card(optional)
RJ45 Test Distance	≤ 300m
Display	LCD 3.5 inch
Power supply	AC input: 100V ÷ 240VAC, 50-60MHz, 0.6A output: 5v, 2A
Battery parameters	4000mAh, Continuos test > 12h
Data interface	Mini USB
Operation Temperature	-10 ~ +50℃
Storage Temperature	-40 ~ +70℃
Relative humidity	0 ~ 95%
Weight	≤350g
Size	173 x 82 x 37mm

Product overview

TM-1600 Mini Pro Series Optical Time Domain Reflectome ter adopts 3.5 inch color display screen. Tinterface is simple and easy to operate. Stable Light Source, Optical Power Meter, Visual Fault Loca tion, Cable Sequence, Cable Length, Cable Tracker and Flashlight. It adopts intelligent power saving management, 12 hours of super long measurement time to ensure the field test and maintenance work efficiently.

Product features

☐ Fiber link with ≤-5dBm optical signal, easy to test

☐ OTDR/LS/OPM/VFL/RJ45 Cable Sequence/ Cable length/RJ45 tracker/Flashlight

☐ Long endurance, 12 hours of measurement time

☐ 3m event blind area, easy test 3m jumper

☐ Brand new rubber sleeve, shockproof, fall proof

☐ Hand-held design, easy to carry

60km precision test
3m event blind area

Easy online test
8 functions integration

One button automatic test
Results automatic analysis

Software remote upgrade
Batch export of data files

20h super long standby
-10~+50℃ operating temperature

Configuration list

① OTDR TM-1600   ② Adapter   ③ RJ45 Receiver   ④ USB Data line

⑤ The power adapter   ⑥ CD   ⑦ User manual   ⑧ Portable package   ⑨ Packing box