Jonard Tools' Mini Pro OTDR is the perfect all-in-one handheld device for evaluating FTTx and access network construction and maintenance, identifying fiber breakpoints, measuring cable length, and calculating relative optical power losses. This Mini Pro OTDR also features the following:

- Includes 8 different functions for testing and evaluating fiber optic and network cables
- Bright 3.5" color LCD screen makes it quick and easy to evaluate data
- Rubberized hard plastic case is shock-proof and drop-proof for maximum durability
- 600 MB Internal storage with MicroSD/TF card slot for additional memory
- Includes FC and ST/SC (UPC) adapters for fiber optic cables
- Built-in rechargeable lithium ion battery provides power on-the-go
- Can be charged or connected to a computer for data transfer via included micro-USB cable

FUNCTIONS	
OTDR	Maps fiber optic cables and can illustrate the termination quality and location of faults that may hinder network performance
EVENT MAP	Provides an easy-to-understand view of each mapped event, giving loss values for individual components
OPTICAL POWER METER (OPM)	Measures the relative power of fiber optic cables
VISUAL FAULT LOCATOR (VFL)	Illuminates any faults within a fiber optic cable for maintenance and repair
OPTICAL LIGHT SOURCE (OLS)	Provides a stable light source at varying wavelengths to be used with the OPM
CABLE LENGTH MEASUREMENT TOOL	Measures the length of network cables
CABLE TRACKER	Can be used to track and trace a terminated network cable
RJ45 SEQUENCE TESTER (CAT5/e, CAT6/e)	Tests the continuity of RJ45 connectorized network cables

MADE FOR LIFE
GUARANTEED FOR LIFE

MINI-PRO OTDR SPECIFICATIONS

MODEL	OTDR-100
WAVELENGTH	1310nm/1550nm±20nm
FIBER TYPE	G.652 SM Fiber
DYNAMIC RANGE	24dB/22dB
EVENT BLIND ZONE	3m
ATT BLIND ZONE	8m
TEST RANGE	500m~60km
PULSE WIDTH	3ns~10us
RANGING ACCURACY	±(1m+Sampling Interval +0.005%×Test Distance)
LOSS ACCURACY	±0.2dB/dB
SAMPLING POINTS	16k~128k
SAMPLING RESOLUTION	0.05m~8m
REFLECTION ACCURACY	±3dB
DATA STORAGE	Internal: ≥600; External: TF Card
LASER SAFETY LEVEL	Class II level
FILE FORMAT	SOR Standard File Format
CONNECTOR	FC/UPC (Interchangeable SC/ST) / SC/APC optional

OPTICAL LIGHT SOURCE (OLS)

LD TYPE	FP-LD	
OUTPUT WAVELENGTH	1550nm±20nm	1310nm/1550nm±20nm
OUTPUT POWER	≥-5dBm	
MODULATION FREQUENCY	270/330/1k/2kHz	
STABILITY	CW, ±0.5dB/15min (Test after 15mins of preheating)	
CONNECTOR	FC/UPC (Interchangeable SC, ST)	

OPTICAL POWER METER (OPM)

WAVE RANGE	800nm~1700nm
INTERFACE TYPE	Universal Joint FC/SC/ST
TEST RANGE	-50dBm~+26dBm
UNCERTAINTY	±5%
FREQUENCY IDENTIFICATION	CW/270/330/1k/2kHz
CALIBRATION WAVELENGTH	850/980/1300/1310/1490/1550/1625/1650nm

OTHER PARAMETERS

DISPLAY	3.5 Inch Color LCD
DATA INTERFACE	Micro USB
EXTERNAL STORAGE	TF Card
POWER SUPPLY	Polymer Li-battery: 3.7V, 4000mAh Power Adapter: 5VDC, 2A
BATTERY LIFE	Standby>20h; Measuring Time>12h
OPERATING TEMPERATURE	-10°C~+50°C
STORAGE TEMPERATURE	-40°C~+70°C
RELATIVE HUMIDITY	0~95% Non Condensing
WEIGHT	≤350g
DIMENSION	173mm×82mm×37mm

VISUAL FAULT LOCATOR (VFL)

WORK WAVELENGTH	650nm±20nm
OUTPUT POWER	≥10mW
MODE	CW/1Hz/2Hz
CONNECTOR	FC/SC/ST

RJ45 CABLE LENGTH MEASUREMENT	
TEST RANGE	300m

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