



**Better FTTx,
Better Life.**

FCST080620-E Mini-Pro OTDR

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Product Overview

FCST080620-E Mini-Pro OTDR is apply to FTTx and access network construction and maintenance, to test fiber break point , length, loss and input light automatic detection, automatic test by one key. The tester is compact with 3.5inch colorful LCD screen, new plastic shell design, shock- proof and drop-proof. The tester also combine 8 functions with highly integrated OTDR, Event maps, Stable Light source , Optical power meter, Visual fault locator , cable sequence proofreading, cable length measurement and lighting functions. It could quick detection of break point, universal connector, . 600 internal storage, TF card, USB data storage and built-in 4000mAh lithium battery, USB charging .It is a good choice for long term field work .

Product Specifications

Construction	Description
Wavelength	1310nm/1550nm $\pm$ 20nm (1610 online test optional)
Fiber Type	G.652 SM Fiber
Dynamic Range	24dB/22dB
Event Blind Zone	3m
ATT Blind Zone	8m
Test Range	10m~60km
Pulse Width	3ns~10us
Ranging Accuracy	$\pm(1m + \text{Sampling Interval} + 0.005\% \times \text{Test Distance})$
Loss Accuracy	$\pm 0.2\text{dB/dB}$
Sampling Points	16k~128k
Sampling Resolution	0.05m~8m
Reflection Accuracy	$\pm 3\text{dB}$
Data Storage	Internal: ≥ 600 ; External: TF Card

FCST080620-E MINI-PRO OTDR

Laser Safety Level	Class II level
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File Format	SOR Standard File Format
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Connector	FC/UPC (Interchangeable SC、ST)
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OPM

Wave Range	800nm~1700nm
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Interface Type	Universal Joint FC/SC/ST
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Test Range	-50dBm~+26dBm
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Uncertainty	±5%
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Frequency Identification	CW/270/330/1k/2kHz
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Calibration Wavelength	850/980/1300/1310/1490/1550/1625/1650nm
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LS

LD Type	FP-LD
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Output Wavelength	1610nm±20nm	1310nm/1550nm ±20nm
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Output Power	≥-5dBm
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Modulation Frequency	270/330/1k/2kHz
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Stability	CW, ±0.5dB/15min(Test after 15mins of preheating)
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Connector	FC/UPC(Interchangeable SC、ST)
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VFL

Work Wavelength	650nm±20nm
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Output Power	$\geq 10\text{mW}$
Mode	CW/1Hz/2Hz
Connector	FC/SC/ST
RJ45 Cable Length Measurement	
Test Range	300m
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 $> 20\text{h}$; Measuring Time $> 12\text{h}$
Operating Temperature	$-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Storage Temperature	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Relative Humidity	0~95% Non Condensing
Weight	$\leq 350\text{g}$
Dimension	173mm*82mm*37mm

Note: Test Temperature $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$, Maximum pulse width, Average time $\geq 3\text{min}$.

Test conditions of Event Blind Zone are minimum range, minimum pulse width, reflection loss of optical end $\geq 45\text{dB}$, typical value.

Ordering Information

FCST080620-E Mini-Pro OTDR-

Wavelength

1	1310/1550nm
2	1610nm Online Test

Polish Type

1	APC
2	UPC

Packing Type

1	Carton Packing
2	Carrying Case Packing

Power Adapter Type

1	CN
2	EU
3	US
4	UK

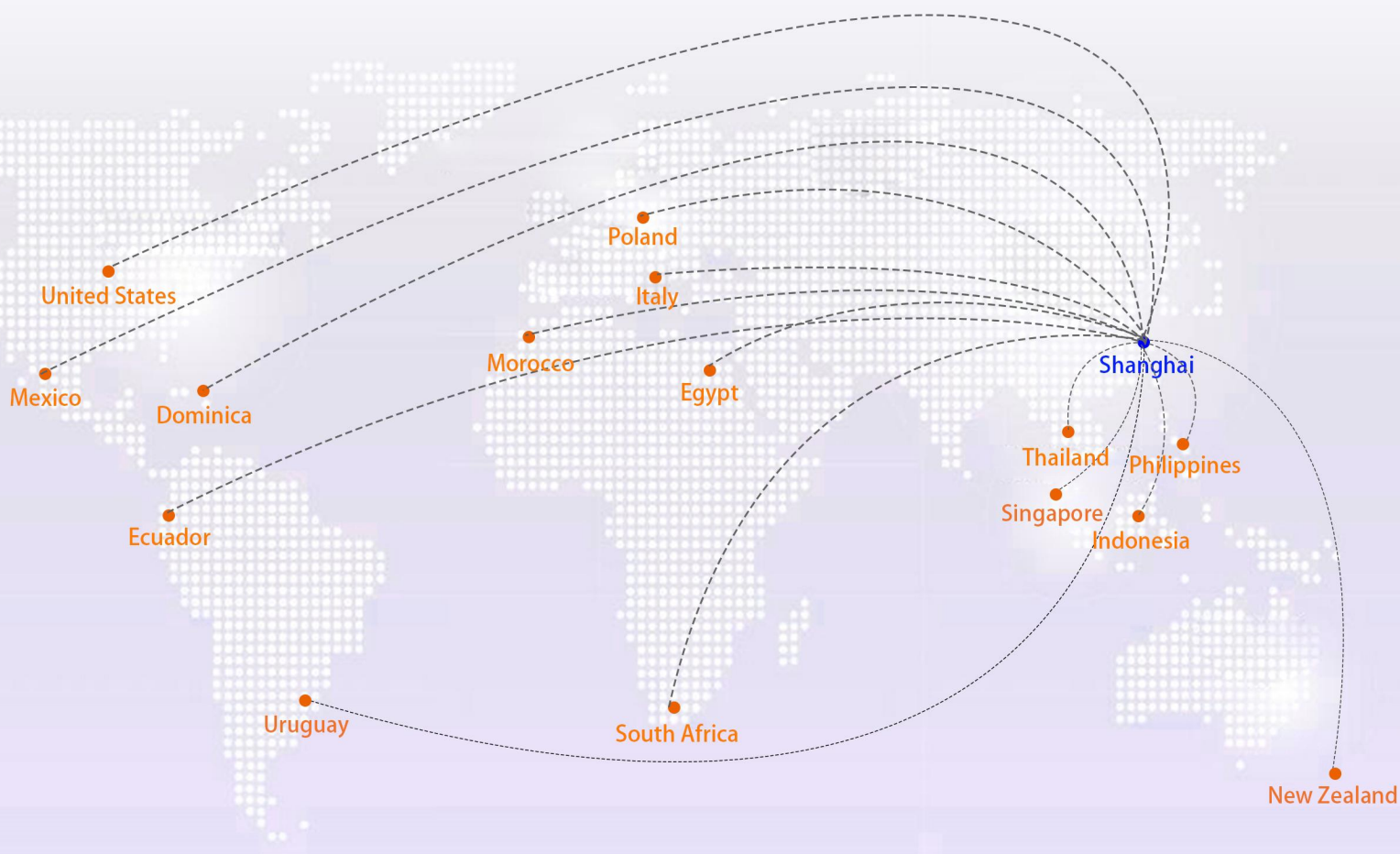



Configuration List

Name	Qty	Remark
Host	1	Battery Include
Adapter	1	
Data Line	1	
CD (Analysis software、User Manual)	1	
User Manual	1	
SC/UPC Connector	1	
Calibration Certification	1	
Qualification Certificate/Service Guarantee Card	1	
Clean Cotton Slices	10	
Instrument Bag	1	



Fiber Cable Solution Technology Co.,Ltd.



Overseas Agency

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FCST - Better FTTx, Better Life.

We offer 4 solutions

- FTTH ODN Solution
- Underground Cable Installation Solution
- Aerial Cable Installation Solution
- Fiber Tools & Test Solution

As a FTTx solution supplier, we can also do ODM according to project. We will continue to innovate and contribute more to the construction of the global optical fiber network.

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