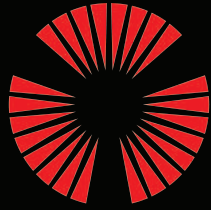


# YAMASAKI TS21

Fiber Scout

Ultra Compact VFI.



**YAMASAKI**  
Optical Technology

## A simple and cost effective solution.

The Yamasaki TS21 Fiber Scout operates on the OTDR principle to determine the length of singlemode fibers. It is a cost effective and simple solution for identifying faults. The lightweight, rugged, dustproof and water resistant device can list up to 8 results at one time and has three other useful functions:-

1. Automatic Power Control which automatically tests and adjusts to the best power level according to the real test environment.
2. Automatic Pulse Width Selection which automatically selects the most suitable pulse width according to the real test distance.
3. Built-in 650nm VFI which can assist the user in Visual Fault Identification within a distance of 15km.

## Features:

- Interchangeable connector:  
FC/SC/ST (LC adaptor available)
- Long life battery:> 10 hours or  $\geq$  5000 measurements
- Operating Wavelength: 1550nm
- Visible Fault Identifier: 650nm, 1mW-Bright red
- 12 Month Warranty



# YAMASAKI TS21

Model	TS21
Operating Wavelength	1550nm (1310nm Optional)
Fiber Type	9/125um SM Fiber
Optical Connector Type	FC/PC
Detector Type	InGaAs
Peak Power of laser	≤60mW
Max. Displaying Distance (Reflection Event)	60km (≤1dB)
Max. Displaying Distance (Non-Reflection Event)	20km (≤2.5dB)
Measurement Unit	m
Reflection Event Dead Zone	15m
Distance Accurace (Reflection Event)	± (2m+2*10 <sup>(-4)</sup> *Distance)
Wavelength of VFL Option	650nm
Output Power of VFL Option	≥1mW
Working Temperature	-5~40°C
Storage Temperature	-10~60°C
Humidity	0~85% (Non-Condensation)
Dimensions	190*100*50mm
Weight(g)	450

Ordering Code:	Wavelengths:
TS21	1310/1490/1550



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More information and details visit  
[www.yamasakiot.com](http://www.yamasakiot.com)

Specifications and descriptions are  
subject to change without prior notice.

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