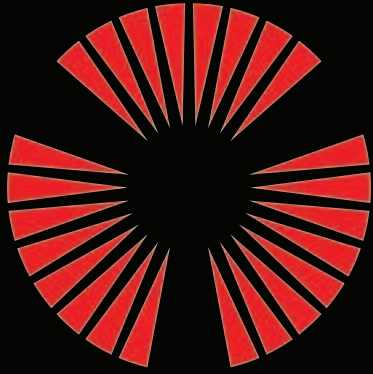


YAMASAKI Y44

850/1300/1310/1550nm

Optical Time Domain Reflectometer

Work Smarter - Not Harder



YAMASAKI
Optical Technology



The new Yamasaki Y44 OTDR

Introducing the new Yamasaki Y44 OTDR, the ultimate fiber optic testing and analysis tool for fiber optic technicians. With integrated OTDR, VFL, OPM, LS, event map, fiber-end inspection, insertion loss test, this product offers a comprehensive solution for fiber optic testing needs. The intelligent software analysis, combined with multi-wavelength operation ensures, accurate and reliable results. The fast charging and power bank function, full touchscreen control, GUI interface, and pull-down manual control make it easy to use, even for those new to fiber optic testing. The Yamasaki Y44 OTDR offers a comprehensive solution that meets the needs of fiber optic technicians, providing high-quality, reliable fiber optic testing and analysis tools that meet all your needs.

Flexibility & Scaleability

The Yamasaki Y44 OTDR utilizes 850/1300nm wavelengths for Multimode testing and 1310/1550nm wavelengths for Singlemode testing. The Yamasaki Y44 OTDR offers a simple solution when testing either Multimode or Singlemode installations. This versatility allows you to easily adapt to different types of fibre optic networks and conduct accurate measurements. It also includes multiple connections points for; LC, FC, SC and ST connectors.

Easy to Use

The Yamasaki Y44 OTDR is equipped with a 7 -inch colour touch screen, providing convenient functionality for users. The large screen ensures clear and easy-to-read results, and you can simply enable the automatic mode and you are up and testing. If you wish to have more control over the individual parameters then the Yamasaki Y44 OTDR allows the user to operate in manual mode as well, allowing you to adjust the settings according to your desired level of sophistication.

Pass/Fail Results

Using the Pass/Fail parameters, users can easily identify, locate and characterize connectors, average loss, total link loss, splices, splitters, macro bends and fiber ends.



Shorter Deadzone & Attenuation Zone

The Yamasaki Y44 OTDR has a dead zone of 0.5m and attenuation zone of 3.5m. This allows for easier fault identification as they become visible within the link.

Downloadable Results

The Yamasaki Y44 OTDR allows for easy transfer of traces to your PC, either using a USB cable or wirelessly, and provides a supplied software for analyzing the traces, enabling professionals to easily and efficiently analyze and interpret their fiber optic test results.

Large-capacity battery, long battery life.

Built-in 10400mAh rechargeable lithium-ion battery, with long battery life. Worry-free outdoor testing without the need for frequent recharging.

Note: The typical battery life is about 12 hours (OTDR real-time test, backlight brightness 50%)

Other Functions

The Yamasaki Y44 OTDR offers a range of convenient functions, Light Source, Optical Power Meter, and VFL. Additionally, the Yamasaki Y44 OTDR comes equipped with a Fiber Inspection Probe, providing professionals with a comprehensive fiber optic testing solution.



Protection

With its shock-resistant, water-resistant, drop-resistant, and dust-resistant design, the Yamasaki Y44 OTDR is built to withstand even the toughest environments. No matter where your fiber optic testing takes you, the Y44 OTDR can handle it all. Investing in the Yamasaki Y44 OTDR guarantees a durable, reliable, and long-lasting fiber optic testing solution.

Technical Specifications	
	Y44
Wavelength	850/1300nm//1310/1550nm
Dynamic Range	26/28/37/35db
Event Dead Zone	0.5m
Attenuation Dead Zone	3.5m
Sampling Resolution	±(0.75m + sample interval + 0.0025% x test distance)
Test Range	Miles can also be used - 100m/ 500m/ 1.25km/2.5km/5km/10km/20km/40km/80km/125km/260km/420km
Testing PW	3, 5, 10, 20, 30,50, 80, 100, 200, 300, 500, 800ns, 1us. 2us, 3us, 5us, 8us, 10us, 20us
Max.Sampling Points	≥256k
Reflection Accuracy	±2db
Loss Measurement Mode	4-point method
Range Unit	km, m, thousand feet, feet
Display	7 inch color LCD + touch screen resolution 800 x 480
Optical Output Interface	FC/UPC + LC/UPC + SC/UPC (ST/UPC optional)
Interface Language	English, French, Portuguese and Spanish
External Interface	USB-A, Type-C port, RJ45 LAN 10/100Mbit/s
Power Supply	AC/DC adapter: AC100V~240V, 50/60Hz Output 5V/3A 9V/2A 12V/1.5A Internal Li Battery: 3.7V, 10400mAh
Built - In Power Meter	-50~+26dBm-Calibration Wavelength 850/1300/1310/1490/1550/1625/1650nm
Built- In Laser Source	CW/270Hz/1kHz/2kHz- Wavelength consistent with OTDR output wavelength
Built - In Visual Fault Locator	650nm/10mW
Fiber Inspection Probe	200X Magnification-USB Output-Manual Focus-3W- 4x Tips provided
Weight/Dimensions	About 1.2kg / 162mm (H) x 220mm (W) x 52mm (D)
Environmental Adaptability	Operating Temperature: -10C~+50C Storage Temperature: -40C~+70C RH: 0%~95%, no condensation

Ordering Code	Description
Y44	Yamasaki Quad OTDR – 850/1300/1310/1550nm, 26/28/37/35dB with OPM, LS, VFI and Fiber Inspection Probe
LC-1	100 Metre SC-LC Singlemode Yellow Simplex Launch Cable
LC-4	100 Metre SC-LC OM4 Multimode Erika Violet Simplex Launch Cable



More information and details visit www.yamasakiot.com

Specifications and descriptions are subject to change without prior notice.

To contact us, please email: sales@yamasakiot.com