YAMASAKI Y91

Fiber Optic Fusion Splicer

Work Smarter - Not Harder

YAMASAKI
Optical Technology

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THE NEW Y91 Fusion Splicer

Is the latest in fiber optic splicing technology from Yamasaki. It's smaller and more portable design makes it ideal for use in FTTH applications as well as improving the ease of operation for everyday use. As a standard the Y91 also comes with numerous accessories including a Y17 Diamond Precision Blade Cleave tool packed into a handy transport and storage case. The Y91 Fusion Splicer package is accompanied by a full 12 month warranty.

Key Pad & Touch Screen Technology

The Yamasaki Y91 fusion splicer has now has the option for both key pad and touch screen technology making it a practical and interactive device, creating a convenient and easy experience for the end user.

6 Motor Fusion Splicer

Yamasaki has optimised the Y91 Fusion Splicer with 6 motors to guarantee the most accurate core alignment whilst splicing. Typical loss of 0.02dB for Singlemode and 0.01dB for Multimode.

Fast Operation

6 second splice time and 18 second heat time.

FIBER OPTIC FUSION SPLICER

Small & Light Weight Design

Designed to be easy to use in the factory or field – with minimal fuss, 156mm (L) x 141mm (W) x 156mm (H) and only 2.45kg!

Multilingual

Interactive menu available in 6 languages: English, Spanish, Portuguese, French, Italian and German.

Battery Power

User is able to see how much power percentage is left as well as the number of splice cycles that remain on your devices screen or you can simply push a button on the battery pack to see how much power is left.
Battery can last for up to 250 Heat/Splice cycles per charge

Simplified Controls

With the new simplified controls it makes the Yamasaki Y91 easy to use by featuring the ability to perform a test splice that ensures the best arc parameters for the type of fiber you are using.

Bi-Directional Operations

The reversible screen function allows the user to change the positioning of the monitor by flipping the screen, this allows easier access to the menu whilst splicing.

Adjustable LED Light

The adjustable LED light can be attached through the USB port on the side of the Yamasaki Y91 Fusion Splicer for those working in dark locations. This will provide the necessary light to ensure an accurate splice is achieved.

The Yamasaki Y91 Package

- Y91 Fusion Splicer
- Y17 Fiber Cleaver
- Fiber Strippers
- Stripping Pliers
- Metal Tool Box
- Cleaning Brush
- Fiber Tweezers
- V-Groove Cleaning Tool
- USB LED Light
- Cooling Tray
- Alcohol Bottle
- AC Power Adapter
- Car Charging Cable
- Internal Rechargeable Battery
- Carry Case
- Shoulder Strap
- Operations Manual
- Calibration Certificate

Specifications Y91

Applicable fibers	SM, MM, DS, NZDS, EDFA, others
Fiber diameter	Cladding diameter: 80-150um; Coating diameter: 160-3000um
Fiber count	Single
Fiber cleaved length	5-16mm
Actual average splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
Typical splicing time	Typical 6 second splice time (standard SM fiber)
Return loss	>60dB
Operating mode	Automatic and Manual Mode
Fiber aligning method	Core to Core Alignment
Splicing program	40 groups
Auto-heating	Available
Tube heating program	4 Heat Mode selections for 25, 40, 50 and 60mm heat shrinks
Tube typical heating time	18 seconds
Protection sleeve length	60mm, 40mm
Storage of splice result	10,000 results
Fiber image magnification	250 times for single X or Y view, 125 times for both X and Y view
Battery capacity	Typical 250 splice & heat cycles, 5200mAh Li-ion battery
Dimension	156mm (L) x 141mm (W) x 156mm (H)
Weight	2.45kg including battery
Electrode life	4000 splices
Terminal	USB 2.0 port for uploading results and upgrading software
Power supply	AC 100-240V with AC adapter; Output: DC11~13.5V
Operating condition	Altitude: 0-5000m, Humidity: 0-95%,Operating Temperature: -20°C~+50°C, Storage temperature -40°C~+80°C, Wind speed: Max 15m/s
Monitor	Reversible display function, Touch Screen, 5.0 inch, color LCD monitor
Camera	2 High sensitivity CMOS Camera Observation
Tension test	>2.2N
Loss Evaluation	Automatic analysis a of splice loss

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More information and details visit
www.yamasakiot.com

Specifications and descriptions are
subject to change without prior notice.

To contact us, please email:
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