

YAMASAKI Y120

Ribbon Fiber Fusion Splicer

Work Smarter - Not
Harder



YAMASAKI
Optical Technology



Yamasaki Y120 Ribbon Fusion Splicer

Unmatched Precision, Unbeatable Performance

The Y120 Ribbon Fusion Splicer is your go-to solution for high-precision fiber optic splicing. Designed with cutting-edge technology and user-friendly features, it ensures exceptional performance and reliability for all your splicing needs.

Designed for Ribbon Fiber Splicing

- ❖ Applicable to 2-12 ribbon fiber splicing
- ❖ Durability tests reach IP52
- ❖ Accurate alignment, world standard fusion loss
- ❖ Removable metal holder, easy to operate
- ❖ 20s splicing time, heating 1-2/4-12 fiber ribbon 26s/40s
- ❖ Comes with high-quality ribbon fiber thermal stripper
- ❖ Ruggedized body, water-resistant, anti-dust, anti-shock
- ❖ Pluggable Li-battery, support separate charging
- ❖ Easy to maintain, easy to replace the electrodes
- ❖ USB port for software upgrading, records exporting
- ❖ Support 4000/100 groups fusion records/fusion images
- ❖ Comply with international standards like CE, RoHS, UKCA etc.

YAMASAKI Y120

FIBER OPTIC FUSION SPLICER

With multi-function thermal Stripper

Yamasaki YSR



Anti-shock Resistance of the Y120 Ribbon Fusion Splicer

The Y120 Ribbon Fusion Splicer is engineered with advanced anti-shock resistance technology, making it a robust and reliable tool for any environment. Whether you're working in challenging field conditions or fast-paced industrial settings, the Y120 stands up to the rigors of daily use.

Its rugged construction is designed to absorb impacts and prevent damage from accidental drops and bumps, ensuring consistent performance and longevity.

Waterproof feature of the Y120 Ribbon Fusion Splicer

The Y120 Ribbon Fusion Splicer is expertly designed with waterproof technology to ensure outstanding performance even in the harshest environments. This advanced feature safeguards the splicer from moisture, rain, and accidental water exposure, making it an ideal choice for fieldwork in unpredictable weather conditions.

The waterproof construction protects critical internal components from water damage, ensuring the splicer remains fully operational and reliable.

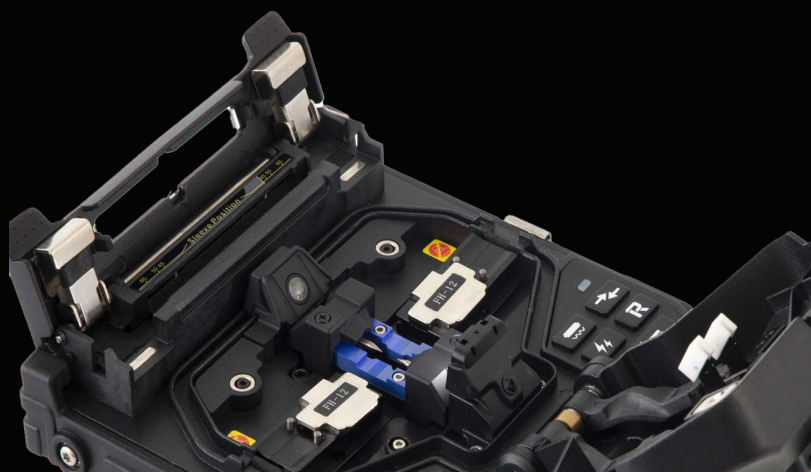
Dustproof Design of the Y120 Ribbon Fusion Splicer

The Y120 Ribbon Fusion Splicer features a cutting-edge dustproof design, ensuring optimal performance and reliability in even the dustiest environments.

This robust protection shields the splicer's sensitive internal components from dust and debris, which can often cause malfunctions and reduce the longevity of the equipment. Whether you're working in construction zones, industrial sites, or outdoor settings, the Y120 maintains its precision and efficiency without being compromised by airborne particles.

This durability not only extends the life of the splicer but also minimizes maintenance and downtime, allowing you to focus on achieving flawless splicing results. With the Yamasaki Y120 Ribbon Fusion Splicer, you can trust in uninterrupted performance, no matter how challenging the environment.

The Yamasaki Y120 Package



Y120 Fusion Splicer
Y18 Fiber Cleaver
YRS Thermal Stripper
Fiber Holder (of choice)
AC Power Plug
AC Power Adaptor
Strap
User Manual on USB
Cooling tray
Cleaning Brush
Internal Battery
Carry Case with accessories
Calibration Certificate

Specifications Y120

Applicable Fibers	SM, MM, DS, NZDS etc.
Number of Fibers	1, 2, 4, 6, 8, 10, 12
Coating Diameter	Ribbon 250~400μm/Single: 250μm & 900μm
Fiber cleaved length	10~16mm
Typical splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
Typical splicing time	20 seconds
Return loss	>60dB
Operating mode	Automatic and Manual Mode
Fiber Magnification	25x
Splicing program	40 modes
Auto-heating	Available
Heating program	1~2cores 26 seconds, 4~12cores 40 seconds
Viewing Display	Viewing Display Dual high sensitivity camera, 5.0"HD color LCD touchscreen
Loss Evaluation	Available
Storage of splice result	4000 groups fusion records, 50 groups images
Interface	GUI menu interface, easy for operation
Battery capacity	Detachable 5200mAh Li-battery, typical 150 cycles splicing and heating
Power Supply	1 Adapter, input: AC100~240V(50/60Hz), output: DC11~13.5V
Electrode Life	More than 3000 ARC discharges, easy to replace
Terminal	USB 2.0 port, for software upgrading, records exporting
Operating condition	Altitude: 0~5000m; Humidity: 0~95%; Temperature: -10°C~+50°C; Max wind: 15m/s
Power supply	Adapter, input: AC100~240V(50/60Hz), output: DC11~13.5V
Tension test	1.8~2.2N
Dimension/Weight	155mm(L)×144mm(W)×155mm(H)(including rubber bumper)/2.2kg(with battery)



More information and details visit
www.yamasakiot.com

Specifications and descriptions are
subject to change without prior notice.

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