

Yamasaki Y90

FIBER OPTIC FUSION SPLICER

WORK SMARTER - NOT HARDER



YAMASAKI
Optical Technology



YAMASAKI Y90

Fiber Optic Fusion Splicer



Smaller & Lighter

Designed to be easy to use in the factory or field – with minimal fuss, 150mm (L) x 150mm (W) x 135mm (H) and only 3.13kg!

Fast Operation

9 second splice time and 30 second heat time.

Multilingual

Interactive menu available in 4 languages: English, Spanish, Portuguese and French.

Battery Power

User is able to see how much power remains at the press of a button. Battery can last for up to 180 Heat/Splice cycles per charge.

THE NEW Y90 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 Y90 also comes with numerous accessories including a Y17 Diamond Precision Blade Cleave tool packed into a handy transport and storage case. The Y90 Fusion Splicer package is accompanied by a full 12 month warranty.

Core alignment

The Y90 uses core alignment for the most accurate splicing. Typical loss of 0.02dB for Singlemode and 0.01dB for Multimode.

Simplified Controls

Featuring the ability to perform a test splice to ensure the best arc parameters for the type of fiber you are using.

Easy to Use

Directional keypad for navigating the menu and adjusting parameters.

New Full Color Screen

A newly designed full color interface allows the user to easily step through the Yamasaki Y90 menu.





The Yamasaki Y90 Package
 Y90 Fusion Splicer
 Y17 Fiber Cleaver
 Buffer Strippers
 Cleaning Brush
 Fiber Tweezers
 AC Power Adaptor
 12V Adaptor
 Internal Battery
 Carry Case
 Shoulder Strap
 1 Set of Electrodes
 Operators Manual
 Cooling Tray Screen Protector
 Calibration Certificate

Specifications - Y90

Applicable fibers	SM MM DS NZDS
Fiber diameter	Cladding diameter: 80-150um; Coating diameter: 100-1000um
Fiber count	Single
Fiber cleaved length	8-16mm (Coating diameter: 250um)
Actual average splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
Typical splicing time	Typical 9 sec (standard SM fiber)
Return loss	>60dB
Splicing mode	Auto Calibrate Normal Special
Fiber aligning method	Fine, Core, Clad, Manual
Splicing program	53 (templet), 40 (user)
Tube heating program	9 (templet), 24 (user)
Tube typical heating time	Typical 30 sec
protection sleeve length	60mm, 40mm
Storage of splice result	4000 results, 20 parameter per result
Fiber image magnification	300X (X or Y view), 150X (X and Y view)
Battery capacity	Typical 180 cycles (splice/tube heat with inner Li-battery)
Monitor	5.7 inch TFT color LCD monitor
Tension test	2N
Electrode life	2500
Terminal	USB
Power supply	AC 100-240V with AC adapter inner Li-battery (7800mAH)
Operating condition	0-5000m above sea level, -10-50°C Max wind velocity of 15m/s
Dimension	150mm (L) x 150mm (W) x 135mm (H)
Weight	2.7Kg excluding battery, 3.13Kg including battery



GLOBALTEC