

**YAMASAKI**  
Optical Technology



# **YAMASAKI** Y85

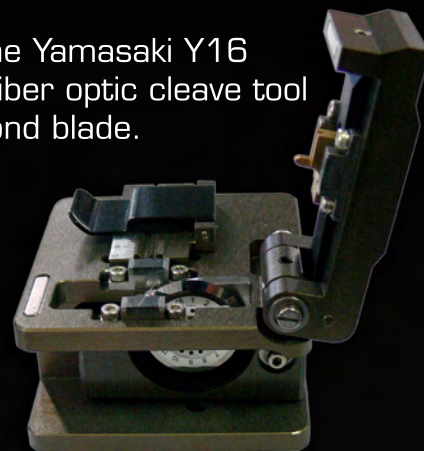
## FIBER OPTIC FUSION SPLICER

DEPENDABILITY & RELIABILITY IN ONE NAME

[www.yamasakiot.com](http://www.yamasakiot.com)



Includes the Yamasaki Y16 precision fiber optic cleave tool with diamond blade.

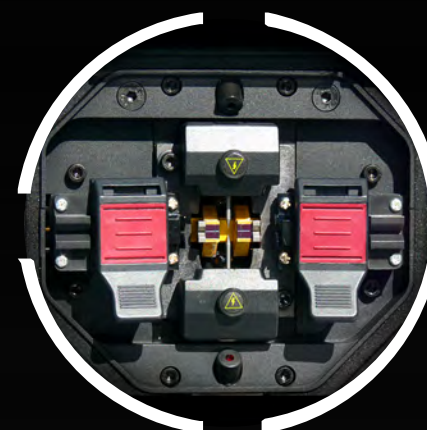


## Multilingual

Interactive menu available in 7 languages: English, Italian, German, Portuguese, Norwegian, Spanish, Russian.

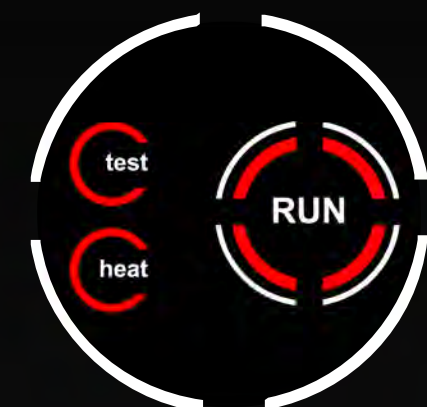
## Smaller and Lighter

Designed to be easy to use in the factory or field - with minimal fuss. Only 3.5 kg!



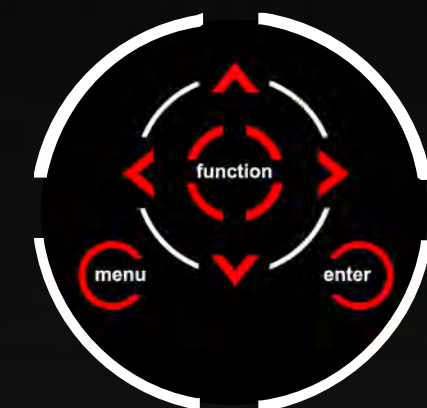
## Core alignment

The Y85 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.



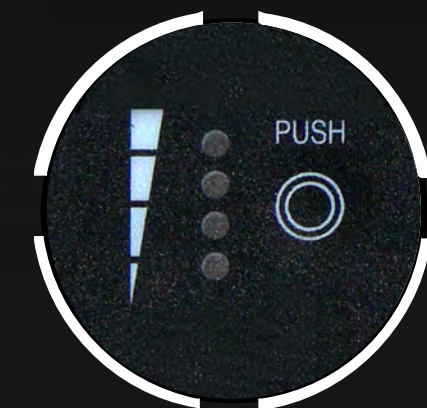
## Easy to use

Directional keypad for navigating the menu and adjusting parameters.



## Invertable LCD

Invertable screen option allows the user to splice from either side of the machine.



## Battery power check

Allows the user to see how much power remains at the press of a button.

## The Yamasaki Y85

The NEW Y85 Fusion Splicer is the latest in fiber optic splicing technology from Yamasaki. It's new smaller and more portable design makes it ideal for use in FTTH applications as well as improving the ease of operation for everyday use.

The Yamasaki Y85 has been designed to exact specifications and is packed full of advanced features making it easier to use while still producing the highest quality splice. It's easy to use interface is displayed on a large and adjustable 5 inch colour LCD screen. The simple controls of the Y85 are easily used by a novice operator without sacrificing the features serious users have come to expect.

The Y85 also includes a program test. This function automatically adjust the parameters to match the characteristics of the fiber being spliced. These parameters can be saved into the splicer memory for later use. With 200 programs, the Y85 can work with a range of different fiber types. Additionally, the portable design of the Y85 allows users to feel at ease using the splicer in the field or in the factory, as its rugged design lets it be transported and set up within seconds.

As a standard, the Y85 also comes with numerous accessories packed into a handy transport and storage case with a full 24 month warranty. The Yamasaki Y85 is the reliable answer to the needs of the fiber optic professionals of today: a rugged, dependable standard that's easy to use.





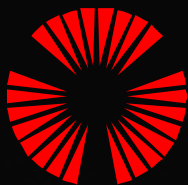
## The Yamasaki Y85 Package

- Y85 Fusion Splicer
- Y16 Fiber Cleaver
- Buffer Strippers
- Cleaning Brush
- Fiber Tweezers
- AC Power Adaptor
- 12V Adaptor
- Internal Battery
- Carry Case
- Shoulder Strap
- 2 Sets of Electrodes
- Operators Manual
- Cooling Tray
- Screen Protector
- Calibration Certificate

### Specifications

### Yamasaki Y85

Splice Time	9 seconds
Fiber Types	Singlemode and multimode
Fiber Cladding	80 ~ 150µm
Fiber Coating	100 ~ 1000µm
Fiber Cleaved Length	16mm (Standard)
Average Fusion Loss	0.02dB(SM),0.01dB(MM)
Return loss	>60dB
Storage of Splice Result	5000 splice entries
Working Mode	Auto/Manual
Operating Temperature	-10 °C to +50 °C
Humidity	0 ~ 95% RH
Altitude	0-4000m
Heater	30s (standard) or adjust heating time to suit the environment
Splice Protector Sizes	40-60mm
Power Supply	AC: 100V-260V 50Hz, 30W (Mains) DC: 12V, 25W (Car adaptor) or Internal battery
Power Consumption	AC: 30W; DC: 25W
Measurement	150mm(L) x 150mm(W) x 160mm(H)
Weight	3.5 kg including battery



**YAMASAKI**  
Optical Technology

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

Specifications and descriptions are  
subject to change without prior notice.

To contact us, please email:  
[sales@yamasakiot.com](mailto:sales@yamasakiot.com)