



Fusion Splicer YH-F9061-16S is one of the most powerful & intelligent fusion splicing machines and adopts cladding alignment technology. It has industrial-level Quad-core CPU(Mainly 1.4 GHz), featuring low power cost and high performances, equipped with 5" high-resolution color LCD touch screen for easy operations. It also provides high capacity battery of 5200mAH for working even further in the field, which is typical 280 splicing/heating cycles. Innovative technology brings unlimited convenience. With its excellent and stable performances, FST-16S has become one of the most reliable and effective fusion splicer for FTTX in global market.

Technical Parameters:

Model	FST-16S
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)
Compatible Fiber / Cable	0.25~3.0 mm / Indoor Cable (0.9mm/2.0mm/2.4mm)
Cleaved Length	Diameter: 0.125~1 mm / Cleave Length: 8~16 mm
Splicing Mode	Multiple splicing modes
Typical Splice Loss	0.01-0.05db
Return Loss	>> 60 dB
Lighting	1 Powerful White LED and Illuminated Keypads
Splicing Time	6~8 seconds
Estimated Splice Loss	Available
Protection Sleeve Length	20~60 mm
Heating Mode	Multi Heating Modes

Heating Time	Typical Heating Time: 30 sec
Records Storage	The latest 5000 Records
Tension Test	1.5~2.0N
Operating Condition	Operating Altitude: 0~5000m above Sea Level, 0.95% Relative Humidity, -10~50°C, Max Wind 15m/s
Storage Condition	0~95% Relative Humidity, -40~80°C
Display	90° Bi-directional View, 5.0" 800*480 Color High Resolution Display with Touch Screen
Fiber View & Magnification	X, Y, XY, X/Y : 500X Magnification
Power Supply	AC Input 100-240V, DC Input 12-15V
Battery Capacity	5200mAh , Typical above 280 times (Splice+Heat)
Operating Methods	Button / Touch Screen
Automatic Calibration	Automatic ARC Calibration According to Air Pressure and Temperature
Electrode Life	3500 ARC, can be Extended by Using an Electrode Grinder
Terminal	USB2.0 / Phone Jack
Dimension	140W x 165L x 160H mm (including rubber bumper) / 130W x 165L x 150H mm(excluding rubber bumper)
Weight	2.0KG (including rubber bumper) / 1.7KG (excluding rubber bumper)/ 0.38KG (battery)

<https://hofiber.com/>
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