



Fusion Splicer V9

Tumtec Fusion Splicer V9 is one of the most powerful and intelligent fusion splicing machines and adopts core alignment technology. It has industrial-level Quad-core CPU(Mainly 1.4 GHz), featuring low power cost and high performances, equipping with 5" High-Resolution color LCD touch screen for easy operations, achieving industry' s magnification of 500X so that fiber conditions can be easily inspected with unaided eyes. It also provides high capacity battery of 10200mAH for working even further in the field, which is typical 340 splicing/heating cycles. Innovative technology brings unlimited convenience. With its excellent and stable performances, V9 has become one of the most reliable and effective fusion splicer in global market.

Technical Parameters:

Model	V9
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	10200mAh , Typical above 340 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 170L x 176H mm (including rubber bumper) / 130W x 170L x 170H mm(excluding rubber bumper)
Weight	2.18KG (including rubber bumper) / 1.82KG (excluding rubber bumper)/ 0.38KG (battery)