

ST-9K

Arc Fusion Splicer

STW
Innovative Products & Solutions

Features

- * Active V-Groove Clad Alignment System
- * 4.3" High Resolution Display Touch Panel
- * Largest Battery, 400 Splice & Heat cycles
- * Best Optical System, 320X Magnification
- * Fiber Core Visibility with 500X Zoom
- * Fastest, 6 Seconds Splice & 18 Seconds Heat
- * Touch Panel & Direct Keypad for Operations
- * Dust, Water & Vibration Resistant Design
- * Light Weight, Compact & User Friendly
- * Hands Free Operation for Unreachable Places
- * Automatic & Real-time ARC Calibration
- * Sensor & Gear-Less Design for Long Life
- * Strongest Built Quality, Metallic Core Assembly



**ECONOMIC
FUNCTIONAL
CONVENIENT
RELIABLE**

Active V-Groove Clad Alignment Arc Fusion Splicer

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Specifications	
Alignment Method	Active V-Groove Clad Alignment (PAS)
Applicable Fiber	SMF(G.652/G.657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Cladding Diameter	80~150um
Coating Diameter	160~3000um
Cleaved Length	5~16mm (Coating diameter<250um), 16mm(Coating diameter>250um)
Typical Splice Loss	SMF: 0.02dB, MMF: 0.01dB, DSF: 0.04dB, NZDSF: 0.04dB
Return Loss	>>60dB
Splice Mode	40 Modes
Operation Mode	Manual / Auto
Auto Heating	Available
Splicing Time	6~12 Seconds
Heating Time	18~26 Seconds for 60mm & 40mm Splice Protection Sleeves
Fiber Magnification	320X (X or Y View), 160X (X and Y View)
Viewing Display	Dual High Sensitivity Camera, 4.3" HD Color LCD Touch Screen
Data Storage	8000 Fusion Records
Loss Evaluation	Accurate Loss Estimation using Fiber Core Image & Data Evaluation
Tension Test	1.8~2.25N
Operation Interface	GUI Menu for Easy Operation with Direct Keys or Touch Screen
Battery Capacity	6800mAh, 400 Cycles Splicing & Heating, Charging Time: 3~4 Hours
Power Supply	Adapter, Input: AC100~240V(50/60Hz), Output: DC11~13.5V
Electrodes Life	5000 ARC Discharges, Easy to Replace
External Interface	USB 2.0 Port for Software Upgrading & Splice Results Transfer
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 0 ~ 95%
	Altitude: 0 ~ 5000m, Wind: Max. 15m/s
Weight / Size	1.66kg(With battery) / 200mm(L) * 123mm(W) * 95mm(H)



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