

AFS-60

High Precision Core Alignment Splicer

Choosing Atomowave means selecting extremely efficient fiber optic fusion splicer. AFS-60 is High performance Core Alignment fusion splicer which designed for high precision splicing field. Fully featured, easy splicing, dedicated splicer with unique home device-inspired design, suitable for indoor installation and outdoor deployment.



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WAVE

FEATURES

1



ACA (Atomowave Core Analysis system)

AFS-60 provide high resolution core status and guide dots after splicing process. this Unique ACA technology can be recover accurate of "Estimate Loss"

2



Speedy Splicing and Heating time.

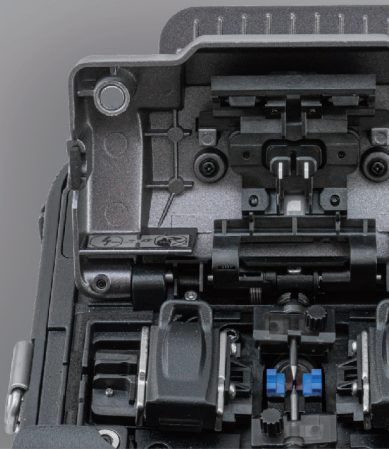
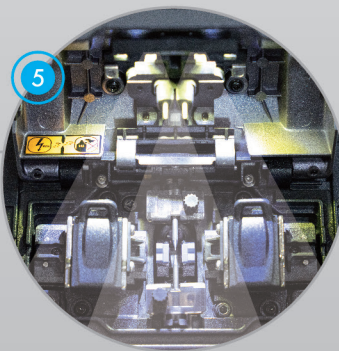
Quick mode 8 Sec, Preheat mode 10 Sec.

3



Switchable heater system for SOC.





FEATURES

4



High resolution 4.3 inch full touch screen.

5



Brightest dual working lamp.

6



Durable battery power

over 220 times splicing and shrinking.
Dual battery package available.

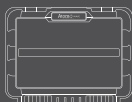
SPECIFICATION

Model	AFS-60
Fiber Alignment Method	Core Alignment
Applicable Type of Fibers	0.25mm, 0.9mm, 2.0mm, 3.0mm, 4.0mm, Indoor cable
Fiber Count	Single Fiber
Applicable Fiber Dimensions	Cladding diameter : 80 ~ 150um, Coating Diameter : 100um ~ 4mm
Fiber Setting and Cleaved Length	5 ~ 16mm
Splicing Modes	Splice mode : 36, Heat mode : 36
Typical Splice Loss	SM : 0.02db, MM : 0.01dB, DS : 0.04dB, NZDS : 0.04dB
Return Loss	>60dB
Splicing Time	Typical 8sec. (Quick Mode)
Sleeve Heating Time	10sec (60 Sleeve, Preheat mode), 16sec (60mm Sleeve, 60 mode)
Applicable Protection Sleeve	40mm, 60mm, 32mm or 28mm for SOC
Storage of Splice Result	The last 10,000 results to be stored in the internal memory
Tension Test	1.96N ~ 2.25N
Operating condition	Altitude : 5,000m above sea level, Temperature : -25°C ~ 50°C, Humidity : 0 ~ 95%, Wind : 15m/s, non-condensing, dust proof, shock proof (IPx2 internal Lab test)
Storage condition	Temperature : -40°C ~ 80°C, Humidity : 0 ~ 95%
Dimension	120(W) x 129(L) x 149(H)mm
Weight	With battery 1.9kg
Viewing Method and Display	Two CMOS cameras and 4.3-inch color touch LCD
FiberView and Magnification	X/Y : 200X, Max 400X
Power Supply	DC Lithium polymer battery(DC11~13.5V), 100 ~ 240V(50/60Hz) AC Charger
No. of Splices Cycles with Battery	Typical 220 cycles
Electrode Life	More than 5,000 times
Terminals	USB
Environment	Dust : IP5x , Water : IPx2 , Drop Test : 1 meter from 5 angles

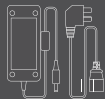
PACKAGE



Fusion Splicer



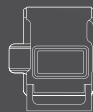
Carrying Case



Battery Charger



Battery



Fiber Cleaver



Electrode



Cooling Tray



Fiber Stripper



Cleaning Kit