

# AFS-40

ARC Fusion Splicer



++++ Further in Light ++++

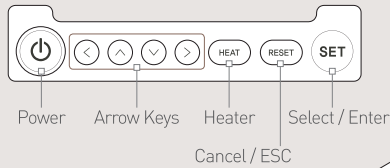
www.atomowave.com

# ARC Fusion Splicer

Structure

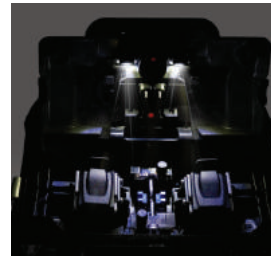
AFS-40

Key pad



Full Touch Screen

LED Illumination



Switchable Holder

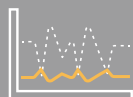
Electrode

Heater



AFS-40

# FEATURES



+ Stable low splicing loss spread (0.02dB +\_ 0.02 G652)



+ High speed splicing and shrinking heater



+ Full touch screen GUI



+ Switchable SOC (Splice On Connector) platform (Holder, Heater)



+ Durable battery power (over 220 time splicing and shrinking)



+ Full cover LED working illumination



+ Auto compensation function for various environment

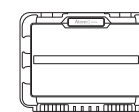
## SPECIFICATIONS

Model	AFS 40
Applicable fiber	SMF(G.652/657),MMF(G.651),DSF(G.653),NZDSF(G.655)
Typical splice time	Typical 12 Sec, Fast mode 8 Sec
Heating time	16 Sec (60mm, 30mm)
Cladding diameter	125μm
Coating diameter	160 to 900μm
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DSF: 0.04dB; NZDS: 0.04dB
Return loss	>60dB
Cleave length	10 to 16mm(Cladding dia.<250μm);16mm(coating dia. 250 to 1000μm)
Splicing program	11 factory mode 36 user define
Interface	GUI by touch screen and key pad
Display	4.3"480X280 LCD (Capacitive touch screen)
Camera magnification	X / Y (250X) and both X and Y (125X), CMOS Camera
Data storage	10,000 splicing result
Tension test	2.2N
Electrode life	5,000 splicing
Battery	5200mAh Li-battery, typical over 220 cycles splicing and heating.
Power supply	input: AC100-240V(50/60HZ), output: DC11-13.5V
Dimensions/ Weight	149mm (L)×120mm (W)×129mm (H) / 1.9Kg(with battery)
Operation condition	Altitude: 0-5000m, Humidity: 0-95%, Temperature: -25°C~+50°C, Wind speed: max 15m/s

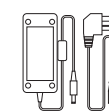
## PACKAGE



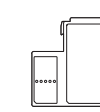
Fusion Splicer  
(AFS-40)



Carrying Case  
(ACA-10)



Battery  
(ABS-10)



Battery Charger  
(ABC-10)



Fiber Cleaver  
(SCT-A05)



Electrode  
(AE-40)



Cooling Tray  
(ACT-40)



Fiber Stripper  
(CFS-3)



Jacket Stripper  
(CFS-10)



Cleaning Kit  
(ACK-10)