



ARC Fusion Splicer IFS-9

**THE Smallest,
Lightest, Fastest
Fusion Splicer
in the world**



INNO Instrument Inc.

Provide professional COMM. service



* Features

Ultra Battery Sources

More than 190 splices and heating process with one fully charge of strong Lithium Polymer battery application

Ergonomic User Interface

Guarantee making field work much easier with high resolution digital color LCD monitor and direct 3D Graphical User Interface (GUI) environment

Ultra Fast Heating Process

Fast heating oven within 30 seconds of heating process with fiber optic protection sleeve (60mm)

Easy for Battery Charge

With separated battery charger, designed to proceed splicing and charging at the same time

High: 170mm



Wide: 150mm





* TWO-WAY Multi-Task Support

180° switching monitor application to match user's work preference. One can choose his work environment by changing monitor front or back.





* Specifications

Splicing method	Core alignment
Applicable fiber	SM(ITU-T G.652),MM(ITU-T G.651),DS(ITU-T G.653),NZDS(ITU-T G.655)
Average loss	SM(0.02dB),MM(0.01 dB),DS(0.04 dB),NZDS(0.04 dB)
Return loss	>>60 dB
Splice time	Typical 9S with standard SM fiber
Cleaved length	The fiber which coat-diameter is less than 0.25mm: 8-16mm The fiber which coat-diameter is larger than 0.25mm: least 16mm
Operating condition	elevation 0-5000 meter, 95% relative humidity, -10—50C
Magnification	XY style: 150 X, X/Y: 300 X
Monitor	2CCD camera system, 5.6inch High resolution LCD
Splice programs	40 user define mode, 10 factory preset mode
Coating diameter	100-1000um
Cladding diameter	80-150um
Splice memory	2000 splice results to be stored in the internal memory
Fiber display	X/Y or XY, single X、Y
Proof test	2N (standard)
Heating programs	10 heating mode
Heating time	Typical heating time 30s
Protection sleeve	60mm,40mm
Battery	Over 190 times Splicing & Heating
Power supply	AC 100-240V input or, DC 12-15V
Data output	USB master device
Wind protection	Max wind velocity of 15m/s
size	150x150x175mm
weight	2.9Kg

* Standard Package Kit

	No.	Quantity
Main unit	IFS-9	1
AC adaptor	ACM-12	1
Battery pack	LBT-10	1
Battery charger	LBC-18	1
AC Power cord	ACC-15	1
Spare-Electrode	E-202	1
Carrying case	NBX-25	1
High Precision Cleaver	VF-77	1
Cooling groove	CG-12	1
User manual	MB-9XX	1



* Optional Accessories

- Battery
- Discharge line
- DC line
- Cleaver
- Fiber stripper
- Protection sleeve