

**N** **M** **A** **K** **I** **N** **G** **O** **N** **E** **W** **O** **R** **L** **D** **!**  
**N** **O** **T** **J** **U** **S** **T** **C** **O** **N** **N** **E** **C** **T** **E** **D** **F** **I** **B** **E** **R** **B** **U** **T** **W** **O** **R** **L** **D** **!**



# IFS-10

## ARC FUSION SPLICER

Designed by INNO Instrument, Korea  
 Made in Korea



IFS-10  
 Software CD

\* User's Manual  
 \* PC Software



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### The Fiber Master

- 2.2 kg weight (without Battery)
- Harsh weather conditions adaptability
- Friendly smart GUI
- Large Battery capacity : 350 times
- Quick optimize menu
- High precision splicing
- USB master port, easy to upgrade software
- Operate in Bi-directional view

**INNO INSTRUMENT, Inc.**

## The Characteristic of IFS-10



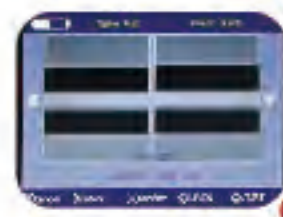
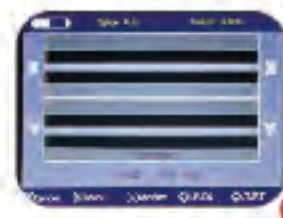
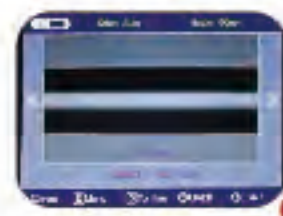
## Specifications

- 2.2KG (without battery), light and handy, user friendly, easy to operate
- Splicing Method: Core alignment
- Applicable fiber: SM(ITU-TG.652), MM(ITU-TG.651), DS(ITU-T G.653), NZDS(ITU-T G.655), G657A, G657B
- Average loss: SM(0.02dB), MM(0.01dB), DS(0.04 dB), NZDS(0.04 dB)
- Return loss:  $\gg 60$  dB
- Splice time: SM fusion average 9s
- Cleaved length: The fiber whose coat-diameter is less than 0.25mm: 8-16mm  
The fiber whose coat-diameter is larger than 0.25mm: least 16mm
- Operating environment: elevation 0-5000meter, 95% relative humidity, -10~50°C
- Magnification: XY style: 150 power, X/Y: 300 power
- Monitor: 2CCD camera system, 5 Inch LCD
- Splice Programs: 100 user mode, 10 factory preset mode

- Coating Diameter: 100-1000 $\mu$ m
- Cladding Diameter: 80-150 $\mu$ m
- Splice memory: max 2000 records
- Fiber Display: X/Y or XY, single X,Y
- Pull test: 1.96~2.25N(standard)
- Heating programs: Preset 10 heating modes
- Heating time: FP-03 typical heating time 30s
- Protection sleeve: 60mm,40mm
- Battery: Typical full cycle 350 times
- Power supply: AC 100-240V Input or, DC 10-15V
- Data output: USB master device and COM
- Wind protection: The max wind speed 15m/s
- size: 166x145x160mm



Friendly smart GUI



## IFS-10 ARC FUSION SPLICER OVER VIEW



Back

Top



FRONT

## Splice Loss

- ① 0.00dB : 10 times / 100 times
- ② 0.01dB : 70 times / 100 times
- ③ 0.02dB : 20 times / 100 times

## Software Back up system



## TWO-WAY Multi task Support

Back and front view to match users work preference.



## Standard Package Kit

	No.	Quantity
IFS-10 Splicer	IFS-10	1
AC adapter	ADM-22	1
Battery pack	LBT-20	1
Battery charger	JD-126300-X	1
AC charger	ACC-25	1
Spare-electrodes	E-17	1
Carrying case	NBX-35	1
Cooling tray	CG-22	1
User manual	MB-100X	1
Fiber Cleaver	VF-75	1

## Optional Accessories

- High Precision Cleaver (Optional)
- A fiber coating stripping pliers (Optional)
- Nylon coated wire stripper (Optional)
- Heat Stripper
- External Heater
- Alcohol dispenser
- Thermal protection tube

**W**indproof



**D**ustproof



**W**aterproof



**A**nti - Shock