

# IFS-10, Arc Fusion Splicer



Brand and Make - Inno Instrument - Korea

## 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: >>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
- Coating Diameter: 100-1000µm
- Cladding Diameter: 80-150µm
- 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: 155x130x143mm(excluding rubber bumper)



## Standard Package Kit

	No.	Quantity
IFS – 10 Splicer	IFS-10	1
High Precision Cleaver	VF-78	1
Battery Pack	LBT-20	1
Battery Charger	JS-126300-X	1
Power Cable	ACC-25	1
Spare-electrodes	E-27	1
Carrying case	NBX-35	1
Cooling tray	CG-22	1
Cigarette lighter cable	CJ-11	1
RS-232 Cable	RS-11	1

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# The Characteristic of IFS-10



\* Easy electrodes exchange



\* Heating oven with zoom window



\* Bright LED for night



\* Easy changeable Holder for Multi-functional Splicing



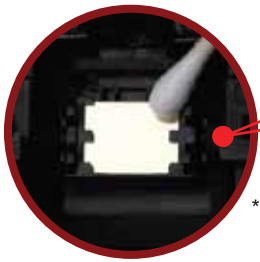
\* Battery: Typical 350 cycles



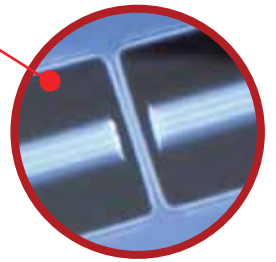
\* Illuminated keypad Ultra durable more than 1 Million times



\* Easy to clean the camera



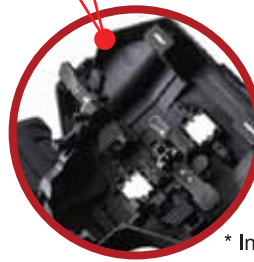
\* Easy to clean the mirror (Anti-fog treated mirror)



\* Protected by Tempered glass LCD  
\* Clear core image  
\* Friendly smart GUI

**\* WATERPROOF, DUSTPROOF, ANTI-SHOCK, WINDPROOF,**

High Attitude works well in harsh weather conditions  
\* Anti-shock works well in 1 m height drop



\* Independent clamp motion

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