



# IFS-10

## ARC Fusion Splicer

### Smart ARC Fusion Splicer

Smart solution makes your smarter



#### IFS-10

#### Fiber Master

- 2.2 kg weight (without battery)
- Splicing method : DACAS (Digital Analysis Core Alignment System)
- Harsh weather conditions adaptability
- Friendly smart GUI
- Large battery capacity: 350 Splice and Heat
- Quick optimize menu
- High precision splicing
- USB master port, easy to upgrade software
- Operate in bi-directional view

IFS-10

Characteristics



Simply exchange of electrodes

Bright LED for dark environment



Illuminated keypads



Battery : Typical 350 cycles



Changeable holder for multi-functional splicing



Protected by Tempered glass LCD  
Clear core image  
User-friendly smart GUI



Waterproof



Anti Shock



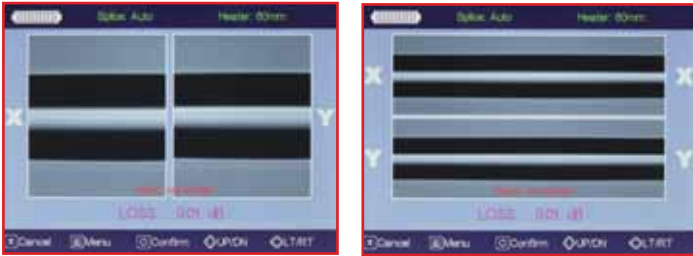
Dustproof

# IFS-10

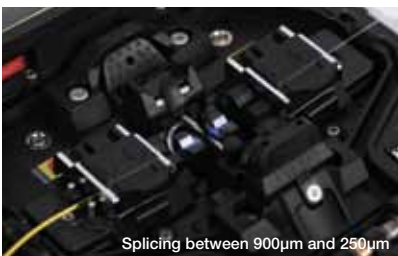
## Description

INNO Fiber Master IFS-10 Core-Alignment Fusion Splicer with the New DACAS (Digital Analysis Core Alignment System) is one of the most dependable splicers on the market. The Fiber Master splicer features a rubberized design for field use in harsh weather conditions. The IFS-10 has a friendly, intuitive GUI (Graphical user Interface) with a 5 inch color LCD screen that is easy to see and is adjustable for front and rear splicer orientation. The sizeable, large battery capacity at full charge allows for up to 350 splices. Amazingly, the IFS-10 splicer is the most reliable and user friendly Core Alignment splicer in the world.

### Splice Loss



### Application of fiber Cables



Specifications	
Splicing Method	Core Alignment DACAS(Digital Analysis Core Alignment System)
Average Loss	SM(0.02dB)   MM(0.01dB)   DS(0.04dB)   NZDS(0.04dB)
Return loss	>> 60 dB
Splice Time	9s average SM   7s SM Quick Mode
Pull Test	1.96~2.25N (standard)
Electrode Lifespan	> 2,500 arcs
Applicable Fiber	SM(ITU-TU.652), MM(ITU-TU.651), DS(ITU-T G.653),NZDS(ITU-T G.655), G657A, G657B
Cleaved Length	Coating diameter < 0.25mm = 8-16mm, Coating diameter > 0.25mm = 16mm minimum
Coating Diameter	100-1000um
Cladding Diameter	80-150um
Heating Programs	Preset 10 heating modes
Heating Time	FP-03 typical heating time 35s
Protection Sleeve	10mm, 20mm, 30mm, 40mm, 50mm, 60mm
Data Output	USB master device and COM
Splice Programs	100 user mode
Splice Memory	Up to 2000 records
Battery	Typical full cycle 350 Splice and Heat
Power Supply	AC 100-240V input or DC 18V
Monitor	Color 5" LCD monitor, with tempered glass
Cameras	2 CCD camera system
Magnification	XY style: 150 power, X/Y: 300 power
Fiber Display	X/Y or XY, single X.Y
Weight	2.2KG (without battery)
Size	155 x 130 x 143mm (excluding rubber bumper)
Wind Protection	The max wind speed 15m/s
Operating Environment	Elevation 0-5000 meters, -10~50°C, ~95% relative humidity
Storage Condition	Temperature -40 to 80°C, ~95% relative humidity

## Size and Weight



Height: 5.62 inches (143 mm)  
 Width: 5.11 inches (130 mm)  
 Depth: 6.10 inches (155 mm)  
 Weight: 4.85 pounds (2.2 kg without battery)

## Package



- ① IFS-10 Splicer
- ② High Precision Cleaver
- ③ Cleaver Pouch
- ④ Battery Pack
- ⑤ CD
- ⑥ Shoulder Strap
- ⑦ Carrying Case
- ⑧ Carrying Case Key
- ⑨ Cooling Tray
- ⑩ Cigarette Lighter Cable
- ⑪ Extra Electrodes
- ⑫ RS-232 Cable
- ⑬ Power Cable
- ⑭ AC Adapter

Package		
IFS-10 Splicer		IFS-10
High Precision Cleaver		VF-78
Battery Pack		LBT-40
AC Adapter/Battery Charger		JS-126300-X
Power Cable		ACC-25
Extra Electrodes		E-50
Carrying Case		NBX-35
Cooling Tray		CG-22
Cigarette Lighter Cable		CJ-11
RS-232 Cable		RS-11
Software CD		CD

[www.innoinstrument.com](http://www.innoinstrument.com)