

**MAKING ONE WORLD !
NOT JUST CONNECTED FIBER BUT WORLD !**



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



WATERPROOF, DUSTPROOF, ANTI-SHOCK, WINDPROOF,
High Altitude works well in harsh weather conditions
* Anti-shock works well in 1 m height drop

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)



TWO-WAY Multi task Support

Back and front view to match user's work preference.



Standard Package Kit

	No.	Quantity
IFS-10 Splicer	IFS-10	1
High Precision Cleaver	VF-78	1
AC adapter	ACM-22	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



IFS-10 HIGH-END ARC FUSION SPLICER

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.

Features

- 2.2kg 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

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 30s

Protection sleeve: 60mm, 40mm

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 10-15V

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

Package

	MODEL NO.	QTY.		MODEL NO.	QTY.
IFS-10 SPLICER	IFS-10	1	EXTRA ELECTRODES	E-50	1
HIGH PRECISION CLEAVER	VF-15H	1	CARRYING CASE	NBX-35	1
BATTERY PACK	LBT-20	1	COOLING TRAY	CG-22	1
AC ADAPTER/BATTERY CHARGER	JS-126300-X	1	CIGARETTE LIGHTER CABLE	CJ-11	1
POWER CABLE	ACC-25	1	RS-232 CABLE	RS-11	1