FIBER OPTIC RESALE CORP

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

Ver.1.0

Characteristics

Simply exchange of electodes

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
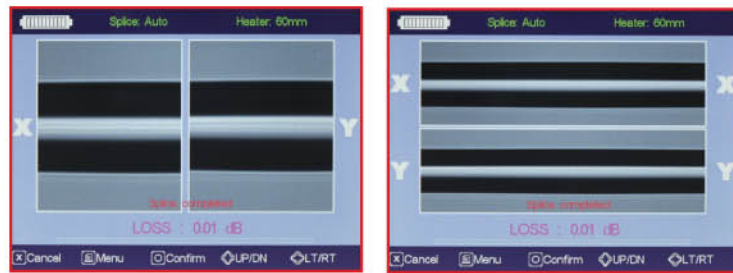User-friendly smart GUI

Waterproof   Anti Shock   Dustproof

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

Splicing between 900µm and 250µm

Splicing between 250µm and 250µm

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

155mm 130mm 143mm

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 Eletrodes
⑫ RS-232 Cable
⑬ Power Cable
⑭ AC Adapter

Package	
IFS-10 Splicer	IFS-10
High Precision Cleaver	VF-78
Battery Pack	LBT-20
AC Adapter/Battery Charger	JS-126300-X
Power Cable	ACC-25
Extra Eletrodes	E-50
Carrying Case	NBX-35
Cooling Tray	CG-22
Cigarette Lighter Cable	CJ-11
RS-232 Cable	RS-11
Software CD	CD