

iFiber iF-88

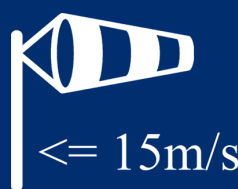
Multi Function Fusion Splicer Brochure

General Features

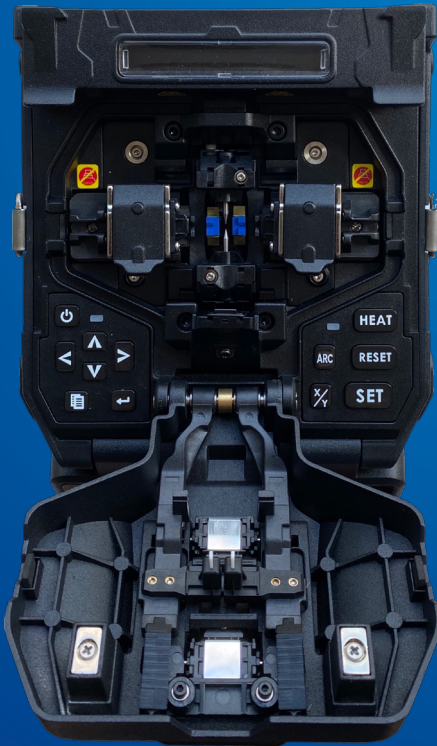


- * 6 Motors Accurate Core to Core Alignment
- * Identify Fiber Types (SM/MM/DS/NZ) Automatically
- * 6 Seconds Splicing
18 Seconds Heating
- * Automatic and Real-time Arc Calibration
- * Industrial Quad-Core CPU with 30% Power Saving
- * Real-time Heating Temperature Monitoring
- * Anti-Shock, Anti-Vibration
Dust-Proof, Water-Proof
- * Backbone-Fiber (Telecom Infrastructure) Superior Level Operation Capable
- * Applies to 250um / 0.9mm / 2.0mm / 3.0mm Fibers

Operational Temp. Wind speed. Relative Humidity.



Splicing Specifications



- * Supports SM,MM, DS, NZDS Fiber Types
- * 6 Seconds Splice
18 Seconds Heating
- * 5000 Splice with a couple of Electrodes
- * 4000 Splice record storage capability

More Features



- * English Menu / Turkish Menu
- * CE Mark
- * RoHS compatible
- * Accurate and Precise
Core to Core Alignment
- * Automatic Inductive Heater Mechanism
- * Stable Splicing &
Low Splice Loss
- * Identify Fiber Types Automatically
- * Clear Fiber image & Fast Fiber Gapping



iFiber X-55B Fiber Cleaver



Fiber Type	Single Core Fiber
Bare Fiber Diameter	125μm
Coating Diameter	0.25mm ~ 0.9mm
Cleave Angle	< 0.7°
Dimensions	107mm(G)×94mm(D)×50mm(Y)
Weight	340g

iFiber iF-88 Fusion Splicer Set

iFiber iF-88 Fusion Splicer



iFiber X-55B Fiber Cleaver



Carrying Box, Straps for Box & Splicer



Alcohol Pump Bottle



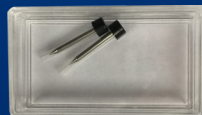
Fiber Stripper & Drop Cable Stripper



USB Flash Disk for Documents



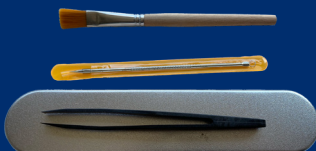
Spare Electrode Set



220 VAC Power Adapter & Mains Cable



Cleaning Set



Cooling Tray



LED Lighter & Car DC Charger



iFiber iF-88 Fiber Fusion Splicer

Technical Specifications

Alignment Method	6 Motors Speedy and Precise Core-to-Core Alignment
Applicable Fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655)
Cladding Diameter	80 - 150µm
Coating Diameter	160 - 1000µm
Typical Loss	SM:<=0.02dB; MM:<=0.01dB; DS:<=0.04dB; NZDS:<= 0.04dB
Optical Return Loss	> 60dB
Cleaved Length	10 ~16mm (if Coating diameter <250µm) 16mm (if Coating diameter = 250~1000µm)
Splicing Programs	40 groups
Operation Mode	Automatic , Manual
Automatic Heating	Available
Typical Splice Time	6 seconds
Heating Time	Adjustable, min: 18 seconds (supported Shrinkable Sleeve Lengths: 25mm ,40mm ,50mm ,60mm)
Fiber Magnification	125 x Double View (X and Y) 250 x Single View (X or Y)
Viewing Display	Dual High Sensivity CMOS censored Cameras, 800x480 pixel 5 inches Color LCD Monitor
Splice Data Recording	4000 groups of Splice Record can be stored in
Loss Evaluation	Digital Video Processing using Cameras controlled by Step motors
Tension Test	with 1.8 ~ 2.25N force
Man Machine Interface	GUI Menu Interface, too easy operation
Battery Capacity	5200 mAh Li battery. 300 Cycles Splice&Heat. Battery Level visibility both on Battery and @ Splicer Menu
Power Supply	AC/DC Adapter. Input: 100-240 VAC (50/60Hz) Mains Output: 11~13.5 VDC
Electrode Life	5000 Arc discharges, Easy to Replace
Terminals	USB2.0 (for Software Upgrading and Splicer record Exporting)
Operational Limits	Altitude: 0~5000m, Relative Humidity: 0~95%, Temperature: -25C+50C, Wind Speed: <=15m/s
Dimensions/Weight	156mm (L)×141mm (W)×156mm (H) /2.45kg (Battery Included)



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