

FF-710M

Cladding Alignment Fusion Splicer

FF-710M Fiber fusion splicer is a 4-motor fusion splicer with active V-groove design. The splicer can adjust fiber position more flexible and accurate. And its performance is very stable even in harsh environment.

It is specially designed for FTTx/FTTH projects, it could also be used in heights conveniently.

Specification

Applicable fibers	SM, MM, DS, NZ-DS(G655), EDF, Bending Loss Insensitive fiber(G657), Pigtail, Drop cable
Typical Splicing loss	0.02dB(SM),0.01dB(MM), 0.04dB(DS),0.04dB(NZDS)
Return loss	>60dB
Diameter of Cladding	80 -150μm
Diameter of Coating	160 - 900μm
Fiber Cleaved Length	10-16mm (coating diameter< 250μm), 16mm(coating diameter: 250-1000μm)
Splicing program	40 groups
Auto-heating	Available
Operation Mode	Manual, Automatic
Typical splicing time	7seconds
Tube heating time	26 seconds
Magnification	250X(X or Y view), 125X(X and Y view)
Viewing Method	2 CMOS cameras
Display	4.3 inch color LCD monitor
Storage of Splice Result	4000 results
Loss Evaluation	Available
Tension test	1.8-2.2N
Interactive Interface	GUI menu interface, easier operation
Battery capacity	4400mAh Li-battery
Power supply	Power charging adaptor input: AC100-240V(50/60HZ),output: DC11-13.5V
Electrode life	More than 4000 ARC, replaced conveniently
Data Interface	USB 2.0
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temp: -10°C ~ +50°C, Wind speed: max 15m/s
Dimension	200mm(L)x123mm(W)x95mm(H)
Weight	1.6kg (Including battery)
Package Size	Packed in carton with protection foam Size 43cm*37cm*27cm, G.W.6.3kg



Features

- Small, light, long battery life
- 4 motors for accurate alignment
- 250 times magnification of fiber cores
- 7s fast splicing, 26s intelligent heating
- 4400mAh Li-battery
- Inductive automatic heater
- 3 in 1 multi-function clamps, new waterproof structure

ORDERING INFORMATION

FF-710M Fusion Splicer

The Kit Includes: Splicer, Power Adapter, User Manual, Drop Cable Stripper, Cooling Tray, Stripper, Spare Electrodes, Fiber Cleaver, Strap, Carrying Case

FF-720H

Cladding Alignment Fusion Splicer

FF-720H optical fiber fusion splicer is a mini fiber splicing equipment which is compactly designed, easy to carry and operate. It has vivid exquisite image-forming system and high precision image processing technology on fiber alignment, which ensures its high proficiency in splicing and low loss. Its user-friendly operation interface and body design with principle of ergonomics greatly improve user experience.

It is equipped with large capacity lithium battery which is reliable guarantee for a long time field work.

FF-720H is a totally automatic, small, light and beautiful Optical fiber fusion splicer with high performance, high safety, low power consumption and can be easily operated.



Specification

Applicable fibers	SM(ITU-T G.652),MM(ITU-T G.651), DS(ITU-T G.653),NZDS(ITU-T G.655)
Typical Splicing loss	0.02dB(SM),0.01dB(MM), 0.04dB(DS),0.04dB(NZDS)
Return loss	>60dB
Diameter of Cladding	80 -150μm
Diameter of Coating	160 - 900μm
Fiber Cleaved Length	10-16mm (coating diameter< 250μm), 16mm(coating diameter: 250-1000μm)
Splicing program	40 groups
Auto-heating	Available
Operation Mode	Manual, Automatic
Typical splicing time	7seconds
Tube heating time	18 seconds
Magnification	250X(X or Y view), 125X(X and Y view)
Viewing Method	High resolution cameras
Display	4.3 inch color LCD monitor
Storage of Splice Result	4000 results
Loss Evaluation	Available
Tension test	1.8-2.2N
Interactive Interface	GUI menu interface, easier operation
Battery capacity	5200mAh Li-battery
Power supply	Power charging adaptor input: AC100-240V(50/60HZ),output: DC11-13.5V
Electrode life	More than 4000 ARC, replaced conveniently
Data Interface	USB 2.0
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temp: -10°C ~ +50°C, Wind speed: max 15m/s
Dimension	157mm(L)x136mm(W)x138mm(H)
Weight	2.0kg (Including battery)
Package	Packed in carton with protection foam



Features

- 1s boot up, 7s splicing, 18s heating
- Automatic ARC calibration
- Inductive automatic heater, industrial quad-core CPU
- Big capacity battery, more than 250 cycles splice & heat

ORDERING INFORMATION

FF-720H Fusion Splicer

The Kit Includes: Splicer, Power Adapter, User Manual, Drop Cable Stripper, Cooling Tray, Stripper, Spare Electrodes, Fiber Cleaver, Strap, Carrying Case

FF-730ARC

Core Alignment Fusion Splicer

FF-730ARC Fiber fusion splicer is with active V-groove design, it has flexible and stable performance when aligning fibers. It is with classic industrial design, user-friendly size and weight, easy operating GUI menu, convenient ARC automatic calibration function and high quality components. It is suitable for both indoor and outdoor fiber splicing projects.

Specification

Applicable fibers	SM(ITU-T G.652),MM(ITU-T G.651), DS(ITU-T G.653),NZDS(ITU-T G.655)
Typical Splicing loss	0.02dB(SM),0.01dB(MM), 0.04dB(DS),0.04dB(NZDS)
Return loss	>60dB
Diameter of Cladding	80 -150μm
Diameter of Coating	160 - 900μm
Fiber Cleaved Length	10-16mm (coating diameter< 250μm), 16mm(coating diameter: 250-1000μm)
Splicing program	40 groups
Auto-heating	Available
Operation Mode	Manual, Automatic
Typical splicing time	6 seconds
Tube heating time	20 seconds
Magnification	250X(X or Y view), 125X(X and Y view)
Viewing Method	2 high resolution cameras
Display	4.3 inch color LCD monitor
Storage of Splice Result	4000 results
Loss Evaluation	Available
Tension test	1.8-2.2N
Interactive Interface	GUI menu interface, easier operation
Battery capacity	5800mAh Li-battery
Power supply	Power charging adaptor input: AC100-240V(50/60HZ),output: DC11-13.5V
Electrode life	More than 3000 ARC, replaced conveniently
Data Interface	USB 2.0
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temp: -10°C ~ +50°C, Wind speed: max 15m/s
Dimension	149mm(L)x120mm(W)x127mm(H)
Weight	1.9kg (Including battery)
Package	Packed in carton with protection foam



Features

- 1s boot up, 6s splicing, 20s heating
- Real-time ARC auto calibration
- Automatic splicing and heating, and supporting user-defined
- Industrial quad-core CPU

ORDERING INFORMATION

FF-730ARC Fusion Splicer

The Kit Includes: Splicer, Power Adapter, User Manual, Drop Cable Stripper, Cooling Tray, Stripper, Spare Electrodes, Fiber Cleaver, Strap, Carrying Case

FF-740PRO Core Alignment Fusion Splicer

FF-740PRO, with its portability and reliability, offers customers unexpected convenience under any splicing conditions. The fast heating and six motor alignment splicing get the job done quickly with stability. F2H-740PRO offers SOC capability, providing superior performance with reduced insertion loss and back reflection. FF-740PRO works for you in tough conditions, including wind, moisture, dust, etc.

Specification

Applicable fibers	SM, MM, DS, NZ-DS(G655), EDF, Bending Loss Insensitive fiber(G657), Pigtail, Drop cable
Average splice loss	0.02dB(SM),0.01dB(MM), 0.05dB(DS),0.04dB(NZDS)
Return loss	>60dB
Tension test	2.0N(200gf)(Standard)
sleeve length	20mm, 40mm, 60mm and more
Splice program	15 groups of preset programs, 1 group of manual setting
Language	English, Chinese, Korean, Russian, Spanish, Portuguese, German, French
Operation temperature	-25 ~ +50 °C
Power supply	AC adaptor: 85~260V input voltage Internal battery: 12V, 6Ah, up to 120 times of continuous splice and heat
Dimension/weight	142(D)×122(W)×138(H)mm/1.95kg (with battery)



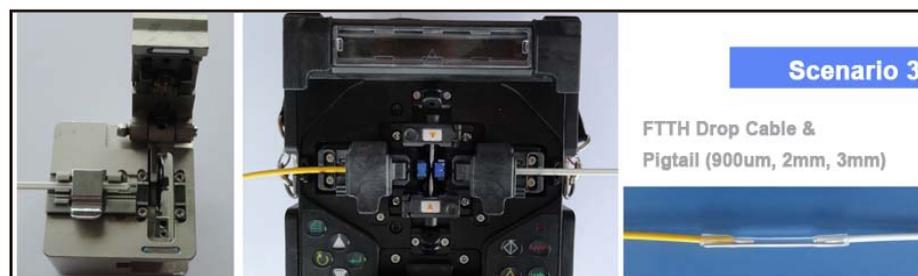
Scenario 1

Bare Fiber & Pigtail (900um, 2mm, 3mm)



Scenario 2

FTTH Drop Cable & FTTH Drop Cable (2x3mm)



Scenario 3

FTTH Drop Cable & Pigtail (900um, 2mm, 3mm)

Features

- Compact & Light weight
- Fully Automatic Operation
- 5,000m altitude ensures Splice Quality
- SYSTEM TEST ensures the best working condition
- Color LCD monitor
- Pause function, convenient for scientific research
- Store 8,000 groups of splice results
- USB&DC interface
- High battery capacity, up to 120 times of continuous splice and heat

ORDERING INFORMATION

FF-740PRO Fusion Splicer

The Kit Includes: Splicer, Power Adapter, User Manual, Drop Cable Stripper, Cooling Tray, Stripper, Electrode, Fiber Cleaver, Case, SOC Holder

FF-790MAX

Core Alignment Fusion Splicer

FF-790MAX Fiber fusion splicer is a 6-motor fusion splicer with the latest fiber core to core alignment technology, it has very stable performance and low fusion loss, it is suitable for different fiber optical projects , including backbone, FTTx etc.

Specification

Applicable fibers	SM(ITU-T G.652),MM(ITU-T G.651), DS(ITU-T G.653),NZDS(ITU-T G.655)
Typical Splicing loss	0.02dB(SM),0.01dB(MM), 0.04dB(DS),0.04dB(NZDS)
Return loss	>60dB
Diameter of Cladding	80 -150μm
Diameter of Coating	160 - 900μm
Fiber Cleaved Length	10-16mm (coating diameter< 250μm), 16mm(coating diameter: 250-1000μm)
Splicing program	40 groups
Auto-heating	Available
Operation Mode	Manual, Automatic
Typical splicing time	6 seconds
Tube heating time	16 seconds
Magnification	250X(X or Y view), 125X(X and Y view)
Viewing Method	2 high resolution cameras
Display	5.0 inch color LCD monitor
Storage of Splice Result	4000 results
Loss Evaluation	Available
Tension test	1.8-2.2N
Interactive Interface	GUI menu interface, easier operation
Battery capacity	5200mAh Li-battery
Power supply	Power charging adaptor input: AC100-240V(50/60HZ),output: DC11-13.5V
Electrode life	More than 3000 ARC, replaced conveniently
Data Interface	USB 2.0
Operating condition	Altitude: 0-5000m, Humidity: 0-95%, Temp: -10℃ ~ +50℃, Wind speed: max 15m/s
Dimension	156mm(L)x148mm(W)x156mm(H)
Weight	2.45kg (Including battery)
Package	Packed in carton with protection foam



Features

- 1s boot up, 6s splicing, 16s heating
- Fiber type identification automatically
- Real-time ARC auto calibration
- Inductive automatic heater, separate charging battery
- Industrial quad-core CPU

ORDERING INFORMATION

FF-790MAX Fusion Splicer

The Kit Includes: Splicer, Power Adapter, User Manual, Drop Cable Stripper, Cooling Tray, Stripper, Spare Electrodes, Fiber Cleaver, Strap, Carrying Case