

## Fusionneuse pour fibre optique IFS-15S



### Caractéristiques:

- Adaptable aux conditions climatiques les plus dures (Humidité, poussière).
- Résiste les chocs.
- Alignement automatique des cœurs des fibres.
- Durée de la fusion: 7 seconds.
- Identification automatique de la fibre. Mesure de l'angle de clivage
- Types de fibres: SM (ITU-TG.652), MM (ITU-TG.651), DS (ITU-T G.653), NZDS (ITU-Y G.655), G657A, G657B.
- Compacte (155 x 130 x 137 mm) et légère (1,82 Kg, sans batterie).
- Vue bidirectionnelle de la fusion.
- Calibrage, en temps réel de décharge de l'arc.
- Batterie de Lithium de grande capacité (jusqu'à 160 épissures).
- Guide rapide d'utilisation.
- Double alimentation : CA 220 V y CC 12 V.
- Adaptation automatique de l'arc, en fonction de l'altitude et la température.
- Ports USB y COM pour la mise à jour du software.
- Design avec protection conforme au standard ROHS.
- Origine : Corée, dernière technologie de fusion pour fibre optique.

### Fournie, en kit standard avec:

- Fusionneuse IFS-15S.
- Cliveuse à fibre type VF-15H.
- Malette rigide, pour transport.
- Une paire d'électrodes en réserve.
- Outil à dégainer.
- Batterie.
- Plateau pour protecteurs.
- Source d'alimentation pour CA et CC.
- Software pour rapports.
- Certificat d'étalonnage.
- Manuel pour l'utilisateur.

# IFS-15S

ARC Fusion Splicer

## Standard ARC Fusion Splicer

Simplified smart fiber master



IFS-15S

### Standard Master

- 1.82 kg weight (without battery)
- Splicing method : DACAS (Digital Analysis Core Alignment System)
- Friendly smart GUI
- Quick optimize menu
- High precision splicing
- USB master port, easy to upgrade software
- Universal holder

## Characteristics

IFS-15S

IFS-15S



Simply exchange of electrodes

Easy to clean cameras



Easy to clean mirrors



Battery : Typical 160 cycles



Bright LED for dark environment



800x480 Highest resolution  
Protected by tempered glass LCD  
Clear core image  
User-friendly smart GUI



Waterproof



Anti Shock



Dustproof

# IFS-15S

## Description

The IFS-15S core-alignment fusion splicer with the new DACAS (Digital Analysis Core Alignment System) is one of the most dependable splicer on the market. The IFS-15S has a friendly, intuitive GUI (Graphical User Interface) with a 4.3 inch high-resolution color LCD screen that is easy to see and use. With a compact size of the fusion splicer (155mm\*130mm\*137mm), IFS-15S STANDARD Master brings much more convenience for customers who works in the telecommunication field. Besides the compact size, the most significant innovation is the compatibility. The IFS-15S is compatible with being widely used fibers and cables. It combines the function of both splicing and heating for those cables which are popular in FTTx: 250µm fiber, 900µm fiber, flat cable, and fiber jumper.

### Splice Loss



### Application of Multi-fiber Cables



### Specifications

Weight	1.82kg without battery
Applicable Fibers	SM(ITU-TG.652)/MM(ITU-TG.651)/DS(ITU-TG.653)/NZDS(ITU-TG.655)/ITU-TG.657A/ITU-TG.657B
Compatible Fiber / Cable	0.25mm/0.9mm/2.0mm/2.4mm/3.0mm/ Flat cable
Fiber Count	Single Core
Fiber Holder	Universal type fixed holder
Fiber Diameter	Cladding:80-150µm/Coating:100-1000µm
Fiber Cleave Length	Diameter 250µm-1000µm: cleave length 8-16mm
Splice Mode	Max/Preset 64/24
Typical Splice Loss	SM:0.02dB/MM:0.01dB/DS:0.04dB/NZDS:0.04dB/G.657:0.02dB (ITU-T Standard)
Return Loss	>>60dB
Splicing Time	SM Quick Mode:7seconds
Estimated Splice Loss	Available
Attenuation Splicing	0.1dB-20dB (0.1dB step)
Heat Oven / Heating Time	Heat Mode: 32/Heating Time (Typical): 35 seconds
Applicable Protection Sleeve Length	10mm, 20mm, 30mm, 40mm, 50mm, 60mm
Results Storage	The last 2000 results
Mechanical Proof Test	1.96~2.25N [Based on the fiber count]
Operating Condition	Operating Altitude:0-5000meter above sea level, 95% relative humidity, - 10~50°C, Max Wind 15m/s
Storage Condition	0~95% relative humidity, -40~80°C, Battery: -20~ 30 °C
Size / Color	155*130*137(L*W*H)/Rose Red
Display	2 Cameras and 4.3 inch color LCD monitor (with high resolution and shock-proof protect surface)
Fiber View & Magnification	X/Y 300X, X/Y 180X
Power	DC 18V Power Supply
No of Splice / Heating with Battery	Typical 160 times(Splice + Heat) / Splice + Heat=26.7mA/time Battery:4200mAh
Electrode	2500 Times Splicing
Terminal	USB 2.0/RS232 (for storage and upgrading)
Other Functions	IFS-15S Exclusive Software /Standard Heat Oven

## Size and Weight



Height: 5.39 inches (137 mm)  
 Width: 5.11 inches (130 mm)  
 Depth: 6.10 inches (155 mm)  
 Weight: 4.01 pounds (1.82 kg without battery)

## Package



- ① IFS-15S Splicer
- ② High Precision Cleaver
- ③ Cleaver Pouch
- ④ Battery Pack
- ⑤ Handling Strap
- ⑥ Cooling Tray
- ⑦ Cleaving Table
- ⑧ Tighten Screw
- ⑨ Carrying Case Key
- ⑩ Carrying Case
- ⑪ Shoulder Strap
- ⑫ Extra Electrode
- ⑬ CD
- ⑭ Power Cable
- ⑮ AC Adapter

Package	
IFS-15S Splicer	IFS-15S
High Precision Cleaver	VF-15H
Battery Pack	LBT-20
AC Adapter / Battery Charger	JS-126300-X
Power Cable	ACC-25
Extra Electrodes	E-27
Carrying Case	NBX-35
Cooling Tray	CG-22
Software CD	CD