

IFS-15H

ARC Fusion Splicer

FTTx ARC Fusion Splicer

High-end core alignment FTTx master

IFS-15H



IFS-15H

FTTx 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
- Detachable SOC holder
- Detachable SOC heating oven
- FTTH fitted package

Characteristics

Simple electrode replacement



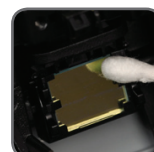
Installation of SOC holder



Bright LED for dark environment



Easy to clean mirrors



Heat oven for SOC connector



Battery : Typical 160 cycles



Detachable holder for multi-functional splicing



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



Waterproof



Anti Shock



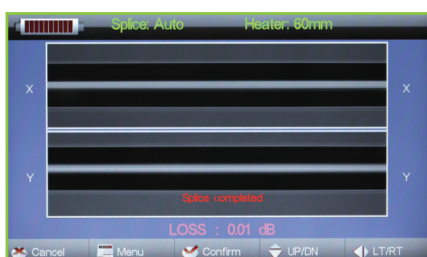
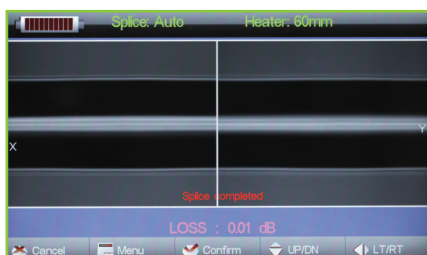
Dustproof

IFS-15H

Description

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

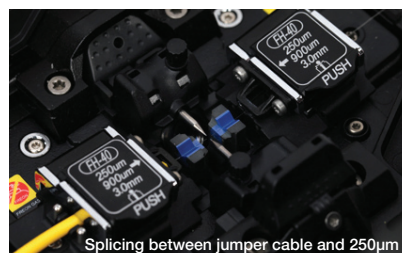
Splice Loss



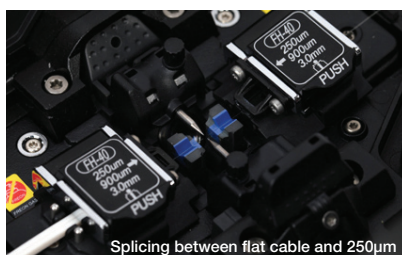
Application of Multi-fiber Cables



Splicing between jumper and flat cable



Splicing between jumper cable and 250µm



Splicing between flat cable and 250µm



Splicing between 900µm and flat cable

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	Detachable (Standard: FH-40, Optional: FH-10, FH-ST, FH-SC)
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: 0-5000 meter above sea level, 95% relative humidity, -10~50°C, Max Wind 15 m/s
Storage Condition	0~95% relative humidity, -40~80°C, Battery: -20~ 30 °C
Size / Color	155*130*137 (L*W*H) / Eco-green
Display	2 Cameras and 4.3 inch color LCD monitor (with high resolution shock-proof protected 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-15H Exclusive Software/Exclusive Heat Oven-for splice-on connector/Splice and Heat mode for connectors

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-15H Splicer
- ② High Precision Cleaver
- ③ Cleaver Pouch
- ④ Battery Pack
- ⑤ CD
- ⑥ Sleeve Protector
- ⑦ Handling Strap
- ⑧ Cleaving Table
- ⑨ Thumb Screws
- ⑩ Carrying Case Key
- ⑪ Carrying Case
- ⑫ Shoulder Strap
- ⑬ Extra Electrode
- ⑭ Cooling Tray
- ⑮ Cable Fixture
- ⑯ DC300 with Cleaning Brush
- ⑰ Power Cable
- ⑱ AC Adapter
- ⑲ Cigarette Lighter Cable

Package	
IFS-15H Splicer	IFS-15H
High Precision Cleaver	VF-15H
Indoor Cable Stripper	DC300
Stripper	CG-22
Protector	PT-1
Working Head Lamp	HL-1
Battery Pack	LBT-20
Cooling Tray	CG-22
Power Cable	ACC-25
AC Adapter	JS-126300-X
Electrode	E-27
Software CD	CD
HCK Working Table	HCK-1
HCK Carrying Case	NBX-35
Cigarette Lighter Cable	CJ-11