

IFS-15H ARC Fusion Splicer

FTTx ARC Fusion Splicer

High-end core alignment FTTx master



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

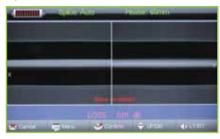


IFS-15H

Description

The IFS-15H core-alignment fusion splicer with the new DACAS (Digital Analysis Core Alignment System) is one of the most dependable splicer 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 a compact size of the fusion splicer (155mm*130mm*137mm) and the portable carrying case, the IFS-15H FTTH Master brings much more convenience for customers who works in the FTTx field. Besides the compact size, the most significant innovation is the compatibility. The IFS-15H is compatible with being widely used fibers and cables, even for splice-on connector. 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

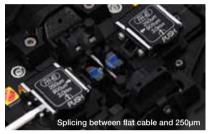


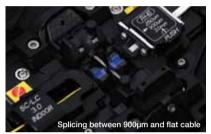


Application of Multi-fiber Cables









Specifications Specification Specificatio		
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.657E	
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:0-5000meter above sea level, 95% relative humidity, - 10~50°C, Max Wind 15m	
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 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-15H Exclusive Software/Exclusive Heat Oven-for splice-on connector/Splice and Heat mode for connector	

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
- Battery Pack
- (5) CD
- Sleeve Protector
- Handling Strap
- ® Cleaving Table
- Tighten Screw
- 10 Carrying Case Key
- (f) Carrying Case
- ② Shoulder Strap
- (3) Extra Electrode
- Cooling Tray
- 15 Cable Fixture
- 16 DC300 with Cleaning Brush
- Power Cable
- (8) AC Adapter

Package 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
Eletrode	E-27
Software CD	CD
HCK Working Table	HCK-1
HCK Carrying Case	NBX-35
Cigerette Lighter Cable	CJ-11

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