



# IFS-15S STANDARD ARC FUSION SPLICER

## Description

The IFS-15S core-alignment fusion splicer with the new Digital Analysis Core Alignment System (DACAS) 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.

## Features

- Compact size 1.82kg 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
- Replaceable universal holder

## 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:7second

**Estimated Splice Loss** : Yes

**Attenuation Splicing** : 0.1dB-20dB (0.1dB step)

**Heat Oven/Heating Time** : Heat Mode: 32/Heating Time (Typical): 35 second

**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, 180X

**Power** : DC 18V Power Supply

**No of splice/Heating with Battery** : Typical 157 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

## Package

	MODEL NO.	QTY.		MODEL NO.	QTY.
IFS-15S SPLICER	IFS-15S	1	AC ADAPTER	JS-126300-X	1
HIGH PRECISION CLEAVER	VF-15H	1	ELECTRODE	E-27	2
BATTERY PACK	LBT-20	1	CD	-	1
COOLING TRAY	CG-22	1	CARRYING CASE	NBX-35	1
POWER CABLE	ACC-25	1	CIGARETTE LIGHTER CABLE	CJ-11	1