

# Fusion splicer & Equipment

Fusion splicer for single core high strength splicing  
**SUMIOFCAS Type-37HSB**



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## SUMIOFCAS Type-37HSB



Offers a smaller space for factory use and gives short cleave length splicing. Also, optimum operation efficiency has been achieved using exclusive fiber holder

### Standard package

Item	Quantity	Type
●TYPE-37HSB main unit	1pc	
●Power supply unit (AC adapter/battery recharger)	1pc	PS-65
●Charge cord	1pc	
●AC power cord	1pc	PC-AC4
●Tray for protection sleeve	1pc	
●V-groove brush	1pc	
●Spare electrodes	1 pair	ER-8
●Fiber holder (For coating diameter 250-μm)	1set	FH-HS025
●Operation manual	1pc	
●Carrying case	1pc	

### Optional tools for high strength splicing system

Item	Type
●Fiber holder	FH-HS04, FH-HS06, FH-HS09B
●Fiber cleaver	SFK-11HS
●Jacket remover	JR-5HS(AC adapter is optional)
●Ultrasonic cleaner	UFC-1
●Proof tester	PT-400
●Fiber transport unit	TRT-400

### Optional Accessories

Item	Type
●Battery	BU-65

### Features

- Auto fiber profiling check and detection system (APDS) prevents miss-selection of fiber types.
- Short cleave length splicing provides smaller spliced portion.
- Suitable layout for factory use.
- High speed splicing within approx. 25 seconds.
- Easy splicing operation with exclusive fiber holder. Changing V-grooves by the coating diameter size is not required.
- Automatic arc test assures various fiber splicing.
- Slot-in type AC adapter and Battery (option).
- New heater is capable of high speed heating operation.
- Protection glass attached to mirror gives you much easier cleaning and maintenance.
- 5.6 inch large TFT color monitor provides clear fiber image.

### Specifications

#### Applicable fiber

Material / Silica glass  
 Fiber type / SMF, MMF, DSF, NZ-DSF, EDF, DCF, and others.  
 Fiber diameter /125-μm  
 Coating diameter /0.25~0.6mm  
 Cleave length /3~5mm

#### Standard performance

Splice loss (Our own identical fiber splicing)  
 (Typical) / (SMF).....0.02dB  
 (MMF).....0.01dB  
 (DSF).....0.05dB  
 Splice cycle time / Approx. 25 seconds  
 Heater cycle time/ Approx. 75 seconds (With 60mm sleeve)  
 Rupture strength / 20N (Typical rupture strength : with non-chemical treatment)

#### Splice programs / 48 (max.)

#### Heating programs / 10 (max.)

#### Functions

- Splice data storage (750 splicing)
- Fiber condition data storage
- Screening of spliced portion (Tension 1.96N(200gf))
- Built-in high speed heater for thermal protection (Applicable for 40, 60mm sleeve)
- Automatic Arc test

#### Dimensions

Size / 150(W) x 150(D) x 176(H) mm  
 Weight / 4kg (with PS-65)  
 Monitor display/ 5.6-inch large TFT color monitor

#### Power supply / AC 100-240V, (50/60Hz) DC12V