

Fusion splicer & Equipment

Direct core monitoring single core fusion splicer

SUMIOFCAS Type-36

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The TYPE-36 offers easy-to-use operation with compactness, light weight, high speed splicing, high reliability, low maintenance cost and full technical support.

■ Standard package

Item	Quantity	Type
●TYPE-36 main unit	1pc	ER-6
●AC power cord	1pc	
●Electrodes	1pair	
●Carrying case	1pc	
●V-groove brush	1set	
●Protection sleeve cooling table	1pc	
●Operation manual	1pc	
●Quick guide	1pc	

■ Features

- As HDCH is installed and automatically aligns and splices fiber, it is possible to obtain high quality fibers as well as stable splicing regardless of operator's skill.
- Sumitomo remote interactive maintenance [S-RIM] system provides remote diagnosis and maintenance.
- Improved driving mechanism enables high speed splicing with in 25 seconds.
- Compact, light weight and field-friendly.
- Detachable 5.6 inch color monitor.
- Optical system with no mirror gives you much easier cleaning and maintenance.
- Automatic arc test insures an optimum arc is achieved for various environmental conditions, as well as splicing different manufactures fiber.
- Capable of high strength splicing.

■ Specifications

■ Applicable fiber

Material	/ Silica glass
Fiber type	/ SMF, MMF, DSF
Fiber diameter	/ 125 μ m
Coating diameter	/ 0.25~0.9mm
Cleave length	/ 8~16mm

■ Standard performance (Typical)

Splice loss (Identical fibers) / (SMF).....	0.02dB
(MMF).....	0.01dB
(DSF).....	0.05dB
Data memory / 1,000 splicing (Factory installed standard memory)	
/ 16,000 splicing (With optional 2MB memory card)	
Splice cycle time / Approx.	25 seconds

■ Splice programs / 35 (max.)

■ Heating programs / 4 (max.)

■ Functions

- HDCM (SM, DSF)
- Automatic/Manual splicing
- Remote maintenance/diagnostic function with S-RIM*1
- Splice data storage (1,000 splicing), up to 16,000 splicing with optional memory card
- Fiber condition data storage
- Screening of spliced portion (tension 1.96N(200gf))
- Built-in heater for thermal protection (Applicable for 40, 60mm sleeve)
- Arc test (Adjustable to environmental condition)

*1: S-RIM : Sumitomo Remote Interactive Maintenance system.

■ Dimensions

Size	/ 190(W) x 190(D) x 175(H)mm
Weight	/ Approx. 6.9kg
Monitor display/	5.6 inch TFT color monitor

■ Power supply / AC 100-240V, (50/60Hz)
DC 12V