NEW

Compact direct core monitoring optical fiber fusion splicer

SUMIOFCAS
Type-37

■ Features

● Auto fiber profiling check and detection system (APDS) prevents miss-selection of fiber types.
● Compact and light weight (40% reduction in weight, compared to T-36)
● Automatic arc test insures an optimum arc is achieved for various environmental conditions, as well as splicing different manufactures fiber.
● Newly developed FFES optical system provides high speed splicing and clear fiber image, which allows visual check. (FFES-Full fiber in Focus in Equal Size)
● Newly developed heater is capable of high speed heating operation.
● White LED illumination enables identification of a ribbon color and fiber loading even at dark places.
● 5.6 inch large TFT color monitor provides clear fiber image even in direct sunlight.
● Protection glass attached to mirror gives you much easier cleaning and maintenance.
● Both power sources, AC adapter and battery(option), are available.
● 40 consecutive splicing/heating operation with one fully charge battery.
● The portable capability of the T-37 has been improved using the slot-in AC adapter/battery(option).

■ Specifications

■ Applicable fiber
Material /Silica glass
Fiber type /SMF, MMF, DSF, NZ-DSF, EDF, DCF, and others.
Fiber diameter /125∞m
Coating diameter /0.25~0.9mm
Cleave length /8~16mm (ø0.25mm), 16mm (except ø0.25mm)

■ Standard performance
Splice loss (Our own identical fiber splicing)
(Typical) / (SMF) ………0.02dB
(MMF)………0.01dB
(DSF)……… 0.05dB
Splice cycle time / Approx. 18 seconds
Heater cycle time / Approx. 75 seconds (With 60mm sleeve)

■ 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 / 4.1kg (With PS-65)
Monitor display / 5.6-inch large TFT color monitor

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

■ Standard package

Item	Quantity	Type
●TYPE-37 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
●Operation manual	1pc	
●Carrying case	1pc	