

SET

# TYPE-39

*Dual Heater  
Core Alignment Splicer*

**NEW**



**Two  
independent  
Heat-Shrink  
ovens**



**Unique clamp  
design eases  
splicing of  
curled fibres**



**Auto-start of  
Splicing and  
Heat-Shrinking**

**Ingenious Dynamics**

 **SUMITOMO ELECTRIC**

## Features

- European RoHS Compliant
- Dual Independent Splice Protection Heaters
- 5.6" Switchable Color Monitor for Front to Back or Back to Front Operation
- Automatic Splice Start
- Automatic Heater Start
- Automatic Fiber Profiling Detection
- Complete Splice in Less than 48 seconds
- Built in LED for V-Groove Illumination
- BU-66L battery for ~ 200 splice and shrink cycles
- Fiber clamps operated with the wind hood or independently

### Description:

Sumitomo's Type-39 Core Alignment Fusion splicer pioneers the industry first Dual-Automatic Heater System. Two independent heaters eliminate the bottleneck of "heater wait time".

The advance electronic design of the Type-39 at features an Auto Start Heater and Auto Start Splice functions to make splicing quick and effortless. The Type-39 is a fully automatic, highly portable, self-contained instrument for creating low-loss optical fiber splices. It is designed to work with virtually all fiber types including single-mode, multimode, dispersion shifted and other specialty fibers.

The splicer utilizes precision High-resolution Direct Core Monitoring (HDCM) technology to align a pair of fibers in both X/Y planes and then fuses them together using an electric arc to form repeatable low-loss splice results.

### Standard Package Kit

Description	Part Number	Quantity
Main Unit	TYPE-39	1pc
Power Supply Unit (Battery Charger Unit)	PS-66	1pc
AC Power Cord		1pc
Cooling Tray		1pc
Charging Cord	BCC-66	1pc
Electrode (Spare)	ER-10	1 pair
Operation Manual		1pc
Carrying Case		1pc

### Optional Accessories

Description	Part Number	Quantity
Battery Module (Standard type)	BU-66S	1pc
Battery Module (Long life type)	BU-66L	1pc
Electrode (Consumable)	ER-10	1pair
Car Battery Cable	PC-V66	1pc
Fiber Cleaver	FC-6S	1pc
Jacket Remover	JR-25	1pc

### Specifications

RoHS	Compliant
Fiber Requirement	Silica Glass
Coating Diameter	Coating Diameter 100 to 1000 μm
Cladding Diameter	Cladding Diameter 80 to 150 μm
Cleave Length	8 to 16 mm (under 250 μm coated fiber) 16mm (except for 250μm coated fiber)
Typical Splice Loss, Identical Fibers	SMF: 0.02dB MMF: 0.01dB DSF: 0.04dB NZ-DSF: 0.04dB
Number of Fiber Profiles	48 Customizable
Typical Splice Time	Approx. 9 Seconds (Quick mode)
Heaters	Dual Independent type. Each Heater: Approx. 35 seconds
Number of Pre-Installed Heater Profile	20 Customizable
Internal Splice Data Storage	10,000
Arc Test	Automatically Compensates for Environmental Conditions
Proof Test	Internal 200g (Std.)
Loss Estimation Process	High-resolution Direct Core Monitoring (HDCM)
Interface	USB Port for PC Interface RCA Jack for External Monitor DC input for Car Battery Operation
Menu Selection	User Friendly Menus
Image Display	Dual or Single Fiber Imaging X/Y 5.6 Inch TFT Anti-Glare High Resolution Color Monitor
Size	150W x 150D x 150H mm
Weight	2.8 kg (with PS-66)
Power Requirement	Input: 100 to 240V AC;50/60Hz, 12V DC
Battery Operation	BU-66S: 100 Splices & Heater Cycles BU-66L: 200 Splices & Heater Cycles

### Environmental Characteristics

Operating Temperature	-10 to +50 deg. C
Operating Humidity	Up to 95%RH (non-condensing)
Altitude	Up to 5000m
Storage Temperature	-40 to +70 deg. C
Wind Protection	Up to 15 m/s