



Handheld fusion splicer

TYPE-201e Series



TYPE-201e-VS



TYPE-201e-M4

Lightweight, Tough, Handy



Handy size for working in small spaces



Touch Screen Control Panel



Durable & Rugged

Specifications

Items		TYPE-201e-VS	TYPE-201e-M4
Optical fibre requirements	Material	Silica glass	
	Profile types	SMF(G.652), MMF(G.651), DSF(G.653), NZDSF(G.655), BIF(G.657)	
	Fibre count	1	1, 2, 4
	Cladding diameter	125µm	
	Coating diameter	250µm, 500µm, 900µm	Single fibre coating dia: 250µm, 500µm, 900µm Ribbon fibre thickness: 250-400µm
Standard performance	Applicable cable	Drop cable(2.0mm×3.1 or 2.6mm), Indoor cable(2.0mm×1.6mm)	
	Cleave length	5-10mm	10mm
	Splice loss (typical) *1	SMF:0.05dB, MMF:0.03dB, DSF:0.08dB, NZDSF:0.08dB (With identical Sumitomo fibres)	
	Splice time (typical)	Approx. 11 sec (IC SMF)	Approx. 14 sec (with 4C SMF)
	Heating time (typical)	Approx. 30 sec (with FPS-61-2.6 sleeve)	Approx. 30 sec (with FPS-5 sleeve)
Programs	Splice & heat cycles per battery full charge *2	100 (with BU-12L)	2 CMOS cameras: 36X (ZOOM: 72X)
	Fibre view and magnification	2 CMOS cameras: 72X (ZOOM:216X)	2 CMOS cameras: 36X (ZOOM: 72X)
	Proof test	1,96-2,09N	
	Splice programs	Max. 200	
	Heating programs	Max. 100	
Functions	Splice image capture/Splice data storage	64 images/10,000 splices	
	Onboard user training video	Provided for basic operation and daily maintenance	
	Auto-start	Splice/Heating	
	Automatic arc calibration	Automatically optimizes arc power according to environmental conditions (Auto mode)	
	Automatic fibre count detection	-	Provided
Size / Weight	Remote interactive maintenance	Provided	
	Size	110(W)×140(D)×76(H)mm	
	Weight	620g (without Battery) / 770g (with Battery BU-12S) / 860g (with Battery BU-12L)	
Terminals	Monitor	3.5-inch color monitor with touchscreen	
	USB port	USB2.0 mini-B	
Power supply	Storage media	microSD and microSDHC	
	AC input	100-240V, 50 / 60Hz	
	DC input	10-15V, 4.5A	
Operating condition	Battery pack	Li-ion 11.1V, 3,060mAh(BU-12L)	
	Storage condition	Altitude: 0 - 3,660 m, Temperature: -10 - +50°C, Humidity: 0 - 95% (non-condensing), Wind velocity: up to 15 m/s	
Electrode life *3	3,000 arcs discharges		1,500 arcs discharges
Software updates	Internet		
Data management	Can be stored, edited and analyzed by dedicated PC software		

*1 : With Sumitomo identical fibres(in room temperature). Measured by cut-back method relevant to ITU-T and IEC standards.

*2 : Splice & Heat cycles may vary depending on the battery status and the operating environment.

*3 : Electrode life may vary depending on the operating environment.

Environmental Durability*

	Test details
Shock resistance	Operates normally after being dropped from 76 cm onto one face (bottom).
Water resistance	Equivalent to IPX2 (Operates normally after being exposed to water dripping at 3 mm/min, for at least 2.5 min on each of 4 surfaces tilted at 15°.)
Dust resistance	Equivalent to IP5X (Operates normally after 8 hours in a test chamber with circulating dust particles smaller than 75µm)

*Splicer operation after shock, water or dust tests, was confirmed under battery power, by Sumitomo.
Does not guarantee the product will not be damaged by these conditions.

Basic Accessories

Part name	Part No.	Qty.	TYPE-201e	
			VS	M4
AC adapter	ADC-1340A	1 pc	○	○
Power cord	PC-AC<X>*	1 pc	○	○
Spare electrodes	ER-11	1 pair	○	○
Operating CD manual	—	1 pc	○	○
Carrying case	CCT-201 or CCS-25	1 pc	○	○
USB cable	—	1 pc	○	○
Fibre holders	FHS-025	1 pair	○	—
	FHM-4	1 pair	—	○

*X=2(USA), 3(EU), 4(JP), 5(UK), 6(AUS), 7(South Africa), 9(INDIA)

Items listed in Basic Accessories are always included with the splicer body. Overall kit content may vary regionally. Please check with your local authorised reseller to confirm kit content in your region.



Carrying case
CCT-201



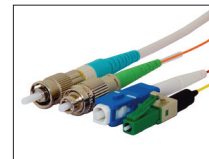
Work table
WT-201



Handy cleaver
FC-8R series



Hot jacket remover
JR-6



Available for
Lynx-Custom Fit™
Splice-On Connector



Electrode
ER-11

Optional Accessories

	Part name	Part No.	TYPE-201e		Description
			VS	M4	
Optional accessories for Splicer	Electrode	ER-11	○	○	Electrodes for TYPE-201 & 201e
	Carrying case	CCT-201	○	○	Hard case
		CCS-25	○	○	Soft case
	Battery pack	BU-12S	○	○	Standard battery
		BU-12L	○	○	Large-capacity battery
	Battery charger	BC-12	○	○	For BU-12S and BU-12L
	AC adapter	ADC-1340A	○	○	For TYPE-201 & 201e main unit and BC-12
	Power cord	PC-AC<X>	○	○	For AC adapter
	Cooling tray	FCT-201	○	○	For cooling fibre protection sleeves
	Alcohol dispenser	HR-3	○	○	Alcohol dispenser
	Neck strap	NS-201	○	○	Neck strap for TYPE-201 & 201e
	Work table	WT-201	○	○	Work table designed exclusively for TYPE-201 & 201e
Fibre holder	FHS-025	○	○	For φ0.25 mm single fibre	
	FHS-09	○	○	For φ0.9 mm single fibre	
	FHM-2	—	○	For 2-fibre ribbon	
	FHM-4	—	○	For 4-fibre ribbon	
	FHD-1	○	○	For drop and indoor cables (single fibre)	
Transfer tool	Lynx2-UML-S	○	○	For φ3 mm cord and φ0.9 mm single fibre	
	FHC-3	○	○	For φ3 mm cable	
V-groove cleaning brush	TRT-201	○	○	To prevent twisting while transferring drop or thin cables	
	VG-2	○	○	Brush for cleaning V-groove	
Handheld fibre cleaver	FC-8R-FC/F	○	○	Handheld fibre cleaver for single fibre and up to 12-fibre ribbon	
	Jacket remover	JR-M03	○	○	Jacket remover for single fibre
Fibre protection sleeve	JR-6	○	○	Hot jacket remover for ribbon fibre	
	FPS-1	○	○	60 mm sleeve for single fibre	
	FPS-40	○	○	40 mm sleeve for single fibre	
	FPS-61-2.6	○	○	60mm pre-shrink sleeve for single fibre	
	FPS-5	○	○	40 mm sleeve for single fibre and up to 8-fibre ribbon	
	FPS-D60	○	○	60 mm sleeve for 1C drop and indoor cables. Heat shrink sleeve for reinforcement of sheath joint	

SUMITOMO ELECTRIC INDUSTRIES, LTD.

Tokyo (Japan)
Sumitomo Electric Industries, Ltd.

Akasaka Center Building, 1-3-13, Motoakasaka,
Minato-ku, Tokyo, 107-8468, JAPAN
TEL: +81-3-6406-2666
<http://global-sei.com/sumitomo-electric-splacers/>

London (U.K.)
Sumitomo Electric Europe Ltd.

220 Centennial Park, Centennial Avenue,
Elstree, Herts. WD6 3SL, U.K.
TEL: +44 20-8953-8118
<http://www.sumielectric.com/>

Dubai (U.A.E.)
Middle east office

Dubai Airport Free Zone Phase 4WA,
Office 702 P.O. Box 54890, Dubai, UAE
TEL: +971 4-701-7338

Melbourne (Australia)
SWS Australia Pty. Limited

Oceania representative office
23 Scanlon Drive, Epping, Victoria,
3076, AUSTRALIA
TEL: +61 3-8401-2800