

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 (1C 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	
Functions	Splice programs	Max. 200	
	Heating programs	Max. 100	
	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	
Size / Weight	Automatic arc calibration	Automatically optimizes arc power according to environmental conditions (Auto mode)	
	Automatic fibre count detection	-	
	Remote interactive maintenance	Provided	
Terminals	Size	110(W)×140(D)×76(H)mm	
	Weight	620g (without Battery) / 770g (with Battery BU-12S) / 860g (with Battery BU-12L)	
	Monitor	3.5-inch color monitor with touchscreen	
Power supply	USB port	USB2.0 mini-B	
	Storage media	microSD and microSDHC	
	AC input	100-240V, 50 / 60Hz	
Operating condition	DC input	10-15V, 4.5A	
	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		
	Temperature: -40 - +80°C, Humidity: 0 - 95% (non-condensing), Temperature for battery: -20 - +30°C(long term)		
	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)

*Confirms the battery operation in tests carried out by Sumitomo.
Does not guarantee that the product is free of faults or damage.

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 pc	○	—
	FHM-4	1 pc	—	○

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

At least, the above basic accessories come with splicer main body.
Some additional accessories may be or may not be included as a splicer standard kit contents. The standard splicer kit contents varies in each region/country.
Please ask details to your nearest distributors.



Carrying case
CCT-201



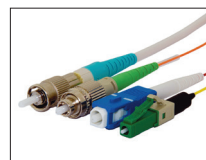
Work table
WT-201



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 VS	M4	Description
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
Other accessories	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)
		Lynx2-UML-S	○	○	For φ3 mm cord and φ0.9 mm single fibre
	Transfer tool	FHC-3	○	○	For φ3 mm cable
		TRT-201	○	○	To prevent twisting while transferring drop or thin cables
		VGT-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
		JR-6	○	○	Hot jacket remover for ribbon fibre
	Fibre protection sleeve	FPS-1	○	○	60 mm sleeve for single fibre
		FPS-40	○	○	40 mm sleeve for single fibre
		FPS-61-2.6	○	○	60mm pre-shrunk 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

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