



Handheld fusion splicer

TYPE-QH201e Series



TYPE-QH201e-VS



TYPE-QH201e-M4

Lightweight, Tough, Handy



Handy size for working in small spaces



Touch Screen Control Panel



Durable & Rugged

Specifications

Items		TYPE-QH201e-VS	TYPE-QH201e-M4
Optical fiber requirements	Material	Silica glass	
	Profile types	SMF(G.652), MMF(G.651), DSF(G.653), NZDSF(G.655), BIF(G.657)	
	Fiber count	1	1, 2, 4
	Cladding diameter	125 μm	
	Coating diameter	250μm, 500μm, 900μm	Single fiber coating dia: 250μm, 500μm, 900μm Ribbon fiber 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 fibers)	
	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	Approx. 100 (with BU-12L)	
	Fiber 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 fiber count detection	-	Provided
Size / Weight	Remote interactive maintenance	Provided	
	Size	110(W)×140(D)×89(H)mm	
	Weight	700g (without Battery) / 850g (with Battery BU-12S) / 940g (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 fibers(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 dust chamber containing dust of particle size 75 μm or below.)

*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-QH201e	
			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	1 pc	○	○
USB cable	—	1 pc	○	○
Fiber holder	FHS-025	1 pair	○	—
	FHM-4	1 pair	—	○

*X=2(USA), 3(EU), 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



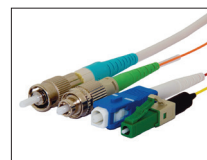
Work table
WT-201



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-QH201e		Description
			VS	M4	
Optional accessories for Splicer	Electrode	ER-11	○	○	Electrodes for TYPE-QH201e
	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-QH201e main unit and BC-12
	Power cord	PC-AC<X>	○	○	For AC adapter
	Cooling tray	FCT-201	○	○	For cooling fiber protection sleeves
	Alcohol dispenser	HR-3	○	○	Alcohol dispenser
	Neck strap	NS-201	○	○	Neck strap for TYPE-QH201e
	Work table	WT-201	○	○	Work table designed exclusively for TYPE-QH201e
	Fiber holder	FHS-025	○	○	For φ0.25 mm single fiber
		FHS-09	○	○	For φ0.9 mm single fiber
		FHM-2	—	○	For 2-fiber ribbon
FHM-4		—	○	For 4-fiber ribbon	
FHD-1		○	○	For drop and indoor cables (single fiber)	
Transfer tool	Lynx2-UML-S	○	○	For φ3 mm cord and φ0.9 mm single fiber	
	TRT-201	○	○	To prevent twisting while transferring drop or thin cables	
V-groovecleaning brush	VGT-2	○	○	Brush for cleaning V-groove	
Handheld fiber cleaver	FC-8R-FC/F	○	○	Handheld fiber cleaver for single fiber and up to 12-fiber ribbon	
	Jacket remover	JR-M03	○	○	Jacket remover for single fiber
Fiber protection sleeve	JR-6	○	○	Hot jacket remover for ribbon fiber	
	FPS-1	○	○	60mm sleeve for single fiber	
	FPS-40	○	○	40mm sleeve for single fiber	
	FPS-61-2.6	○	○	60mm pre-shrunk sleeve for single fiber	
	FPS-5	○	○	40 mm sleeve for single fiber and up to 8-fiber ribbon	
FPS-D60	○	○	60 mm sleeve for 1C drop and indoor cables. Heat shrink sleeve for reinforcement of sheath joint		

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