



Automatic Adaptive Core
fusion splicer

T-55



Fast, Capable, Practical

Fast Splicing 7sec / Heating 20sec



Detachable Case
for Working Tray



Touch Screen
Control Panel



Durable & Rugged

Specifications		
Items		T-55
Optical fibre requirements	Material	Silica glass
	Fibre count / Profile types	Single / SMF (G.652), MMF (G.651), DSF (G.653), NZDSF (G.655), BIF (G.657)
	Fibre diameter	Cladding diameter : 80-150µm, Coating diameter: 100 ~ 1,000µm
	Cleave length	5 ~ 16mm with coating clamp
Standard performance	Splice loss (typical) *1	SMF : 0.02dB, MMF : 0.01dB, DSF : 0.04dB, NZDSF : 0.04dB
	Return loss (typical)	60dB or greater
	Splice time (typical)	7sec (SM G652 Quick Mode), 9sec (Auto Mode)
	Heating time (typical)	20sec (FPS-61-2.6 sleeve, Slim 60mm Quick Mode)
	Splice & Heat cycles per battery full charge *2	Approx. 230 (BU-11)
	Fibre view & magnification	2 CMOS cameras observation, 200X (zoom: 525X) for X or Y single axis view, 88X for both X & Y dual axis view
Programs	Proof test	1.96 ~ 2.09N
	Applicable sleeve length	Up to 60mm sleeves
Functions	Splice programs	Max. 300, 23 are pre-optimised, 277 editable by user
	Heating programs	Max. 100, 19 are pre-optimised, 81 editable by user
	Splice image capture / Splice data storage	200 images/10,000 splice data (internal memory only) 50,200/20,000 (with 8GB SD card)
	Attenuation splicing	0.1dB to 15dB in 0.1dB increments
	Universal clamps	Provided, 250µm, 900µm tight & loose buffer fibre
	Reversible coating clamps	Provided
	Onboard user training video	Provided
Size / Weight	Automatic fibre identification	SMF / MMF / Other
	Automatic arc calibration	Automatically compensates for environmental condition changes
Terminals	Size	120(W) x 154(D) x 130(H) mm (without anti-shock rubber)
	Weight	1.7kg (without Battery) / 1.9kg (with Battery BU-11S) / 2.0kg (with Battery BU-11)
Power supply	Monitor	4.1" touch screen color LCD display
	DC output	DC 12V (for JR-6)
	USB port	USB 2.0 (mini-B type)
Operating condition	Storage media	SD / SDHC memory card MAX32GB
	AC input	AC 100 ~ 240V, 50/60Hz (ADC-1430 series)
Storage condition	DC input	DC 10 ~ 15V
	Battery pack	Li-ion 11.1V, 2,300mAh (BU-11S) / Li-ion 11.1V, 4,600mAh (BU-11)
Electrode life *3		Altitude : 0 ~ 6,000m, Temperature : -10 ~ +50°C, Humidity : 0 ~ 95% (non-condensing), Wind velocity : up to 15m/sec
Software updates		Temperature : -40 ~ +80°C, Humidity : 0 ~ 95% (non-condensing), Battery : -20 ~ +30°C (long term)
Data management		6,000 arc discharges
		Internet
		Can be stored, edited and analyzed by dedicated PC software


*1 : Average value of the final inspection in room temperature with Sumitomo identical fibre.
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 : Achieved in lab condition. Electrode life may vary depending on the operating environment.

Environmental Durability*	
Shock resistance	Drop from 76cm on 5 faces (excluding top face)
Water resistance	Equivalent to IPX2 (Operates normally after being exposed to water dripping at 3mm/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.
AC adapter	ADC-1430 series	1 pc
AC power cord	PC-AC<X>*	1 pc
Cooling tray	—	1 pc
Spare electrode	ER-10	1 pair
Operating CD manual	—	1 pc
Quick reference guide	—	1 pc
Carrying case with worktable	CC-Z1	1 pc
Hand strap	—	1 pc
USB cable	—	1 pc

*X=2(USA), 3(EU), 5(UK), 6(AUS), 7(South Africa)
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 with worktable
CC-Z1



Handy cleaver
FC-8R series



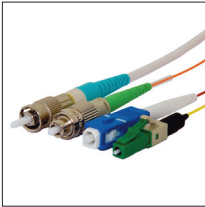


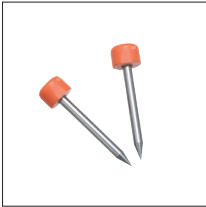
Table-top cleaver
FC-6 / FC-6R series



Jacket remover
JR-M03



Available for
Lynx-Custom Fit™
Splice-On Connector



Electrode
ER-10



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