

Core Alignment Fusion Splicer Comparison Sheet

	Mini 6S	FORC-F15	FSM-70S	Q102-CA-KIT2	S179-EX900
Features					
Company	FiberFox- \$7,500.00	FORC-Fiber \$6,895.00	FUJIKURA \$10,900.00	SUMITOMO \$11,126.00	FITEL \$9,480.00
Splicing Method	Digital Core Alignment	DACAS-Digital Core Alignment	Core Alignment	Core Alignment	Core Alignment
AS warranty	3 years	3years	1year	1year	1year
Interface	GUI	GUI			
Electrode life	3500 arc	3500 arc	2500 arc	3000 arc	2500-
Applicable Fibers	SM(G. 652/657) MM(G.651) DS(G. 653) NZDS(G. 655) IT-G657A,ITG657B	SM(G. 652/657) MM(G.651) DS(G. 653) NZDS(G. 655) IT-G657A,ITG657B	SM(G. 652/657) MM(G.651) DS(G. 653) NZDS(G. 655)	SM(G. 652/657) MM(G.651) DS(G. 653) NZDS(G. 655), EDF	SM(G. 652/657) MM(G.651) DS(G. 653) NZDS(G. 655)
Average Loss	SM : 0.02dB MM : 0.01dB DS : 0.04dB NZ : 0.04dB	SM : 0.02dB MM : 0.01dB DS : 0.04dB NZ : 0.04dB	SM : 0.02dB MM : 0.01dB DS : 0.04dB NZ : 0.04dB	SM : 0.02dB MM : 0.01dB DS : 0.04dB NZ : 0.04dB	SM : 0.02dB MM : 0.01dB DS : 0.04dB NZ : 0.04dB
Return Loss	>> >60dB	>> >60dB	>> >60dB	-	>> >60dB
Splicing Time	9 sec : Quick Mode 12 Sec average	9 sec : Quick Mode 12 sec : average	7-9 sec : SM FAST 10 sec : SM AUTO	7 sec : Quick Mode 7.5 sec : SMF Standard Mode 8sec : Auto Mode	6 sec : Semi-Auto Mode 9 sec : Regular Mode
Heating Time	16 sec	15 sec	14 sec	28 sec (Dual)	13 Second average
Fiber Holder Type	With Universal Holder (250um, 900um, 3mm, indoor cable)	Universal Holder (250um, 900um, 3mm, indoor cable)		Universal clamp (250um, 900um, loose buffer fiber)	900um,250um
Splicing Program	Preset 37 modes 110 installable	Preset 40 modes Max 128 modes/Custom available	Max 100 modes	Max 300 modes	Max 300 modes
Heating Program	37 modes	Max. 32 plus 7 preset modes	30 modes	Max 100 modes	Max 100 modes
Tension	1.96 ~ 2.25N	1.96 ~ 2.25N	1.96 ~ 2.25N	1.96N (200gf)	1.96N
Cleaved Length	8 – 16mm	8 – 16mm	5 ~ 16mm With Sheath Clamp	5 – 16mm, 10mm	5 – 16mm
Display	4.3" LCD Touch screen	4.3" LCD Color Touch Screen	4.73" Color LCD	4.1" Touch Color LCD	4.3"Color Touch LCD
Results Storage	Splice Data: 2000 records	Splice Data: 10,000 records	Splice Data : 2000 Image Data : 100	Splice Data : 10000 Image Data : 64	Splice Data : 20000
Data Output	MINI USB HDMI	MINI USB/Thumb drive storage 4MB HDMI	USB 2.0	USB2.0(mini-B type) SD/SDHC Memory Card	USB Mini B 2.0
Dimension	4.8x4.8x5.4	4.8x4.8x5.4	146W X 159L X150H(mm) Excluding Rubber Foot	120W X 154L X130H(mm) (without anti-shock rubber)	170W/238D/122H mm (including shock absorber)
Weight	3.09Lbs (without battery)	(without battery) 3.5Lbs	2.5kg with ADC-18 2.7kg with BTR-09	1.8kg (without Battery) 2.1kg with Battery	1.9 kg with battery
Power AC	100 to 240 AC	100 to 240 AC	100 to 240 AC	100 to 240 AC	100 to 240 AC
DC	9 to 14 V	9 to 14V	10 to 15V with ADC-18 14.8V with BTR-09	10 to 15V	11 to 24V
Battery Capacity	Typical 200 splices dual batteries	Typical 400 Cycles 2x (5200 mAh) Standard Dual Batteries	Typical 200 Cycles (4,000 mAh)	Typical 200 Cycles (4,600 mAh)	200 splice/heat
Operating Condition	0 to 5000m above, 0 to 95%RH and -40 to 80 degC and up to 15m/s wind velocity, respectively	0 to 5000m above, 0 to 95%RH and -40 to 80 degC and up to 15m/s wind velocity, respectively	0 to 5000m above, 0 to 95%RH and -10 to 50 degC and up to 15m/s wind velocity, respectively	0 to 6000m above, 0 to 95%RH and -10 to 50 degC and up to 15m/s wind velocity, respectively	0 to 5000m above, 0 to 95%RH and -10 to 50 degC and up to 15m/s wind velocity, respectively