COMPARISON CHART

(Core Alignment Method)

	View 7	View 5	FSM-70S	Type-71+	S178A v2	Mini6s
Features						
Company	**INNO**	**INNO**	**FUJIKURA**	**SUMITOMO**	**FITEL**	**Fiberfox**
Splicing Method	Core Alignment	Core Alignment	Core Alignment	Core Alignment	Core Alignment	Core Alignment
AS warranty	3 years	3years	1year	1year	1year	2years
Interface	GUI	GUI				GUI
Electrode life	3500 arc	3500 arc	3000 arc	3000 arc	-	3500 arc
Applicable Fibers	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)	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)	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	SM : 0.02dB MM : 0.01dB DS : 0.04dB NZ : 0.04dB
Return Loss	>>60dB	>>60dB	>>60dB	-	>>60dB	>>60dB
Splicing Time	7 sec : Quick Mode 8 sec : Auto mode	7 sec : Quick Mode 9 sec : Auto Mode	7 sec : SM FAST 10 sec : SM AUTO	7 sec : Quick Mode 7.5 sec : SMF Standard Mode 8sec : Auto Mode	7 sec : Semi-Auto Mode 9 sec : Regular Mode	7 sec : Quick Mode 12 sec : Average SM
Heating Time	13 sec	13 sec	14 sec	18 sec (Dual)	31 sec : Regular Mode	18 sec
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)		Universal Holder (250um, 900um, 3mm, indoor cable)
Splicing Program	Preset 35 modes Max 128 modes	Preset 35 modes Max 128 modes	Max 100 modes	Max 300 modes	Max 150 modes	Preset 33 mode Max 70 modes
Heating Program	Max 32 modes	Max. 32 modes	30 modes	Max 100 modes	Max 18 modes	Max 32 modes
Tension	1.96 ~ 2.25N	1.96 ~ 2.25N	1.96 ~ 2.25N	1.96N (200gf)	1.96N	1.96 ~ 2.25N
Cleaved Length	8 – 16mm	8 – 16mm	5 ~ 16mm With Sheath Clamp	5 – 16mm, 10mm	5 – 16mm	8 - 16mm
Display	5" Touch Screen Color LCD	5" Touch Screen Color LCD	4.73" Color LCD	4.1" Touch Color LCD	3.5" Color LCD	4.3 Touch Color LCD
Results Storage	Splice Data : 2000	Splice Data : 2000	Splice Data : 2000 Image Data : 100	Splice Data : 10000 Image Data : 64	Splice Data : 2000 Image Data :100+24	Splice Data : 2000 Image Data : 2000
Terminal	USB 2.0 MINI USB HDMI	USB 2.0 MINI USB	USB 2.0	USB2.0(mini-B type) SD/SDHC Memory Card	USB 2.0	HDMI
Dimension	133W x 155L x 160H(mm) (excluding rubber bumper)	130W X 155L X147H(mm)	146W X 159L X150H(mm) Excluding Rubber Foot	120W X 154L X130H(mm) (without anti-shock rubber)	127W X 199L X105H(mm) (not including shock absorber)	124W X 123L X130H(mm)
Weight	2.17KG (without battery) 2.80KG (with battery)	1.85KG (without battery) 2.21KG (with battery)	2.5kg with ADC-18 2.7kg with BTR-09	1.8kg (without Battery) 2.1kg with Battery	1.9kg without Battery 2.3 with two batteries	1.44kg(without Battery) 1.7 (with battery)
Power AC	100 to 240 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 17V	9 to 14 V
Battery Capacity	Typical 355 Cycles (9,800 mAh)	Typical 170 Cycles (4,200 mAh)	Typical 200 Cycles (4,000 mAh)	Typical 230 Cycles (4,600 mAh)	80 Cycles with single battery 200 Cycles with two batteries	Typical 260 Cyles (with 2 battery)
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	0 to 5000m above, 0 to 95%RH and -10 to 50 degC and up to 15m/s wind velocity, respectively