

COMPARISON CHART

(Core Alignment Method)

INNO INSTRUMENT INC.
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	View 7	View 5	FSM-70S	Type-71C+	S178A
Features					
Company	INNO	INNO	FUJIKURA	SUMITOMO	FITEL
Splicing Method	Core Alignment	Core Alignment	Core Alignment	Core Alignment	Core Alignment
AS warranty	3 years	3years	1 year extended warranty	1 year	1 year
Interface	GUI	GUI	Text	touch screen interface	Text
Electrode life	3500 arc	3500 arc	3000 arc	-	-
Applicable Fibers	Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655)	Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655)	Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655)	Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655), EDF	Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655), EDF, BIF/UBIF
Average Splice 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	-	60 dB or greater
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	6 sec : SM G652 Quick Mode 7 sec : SMF Standard Mode 8sec : Auto Mode	7 sec : Semi-Auto Mode 9 sec : Regular Mode
Heating Time	13 sec	13 sec	14 sec	14 sec Quick Mode 18 sec Regular Mode	25 sec : Pre-heat Mode 31 sec : Regular Mode
Fiber Holder	With Universal Holder (250um, 900um, 3mm, indoor cable)	Universal Holder (250um, 900um, 3mm, indoor cable)	Optional Item: Holder coating dia. 250um, 900um cable	-	-
Splicing Program	Max 128 modes	Max 128 modes	Max 100 modes	Max 300 modes	Max 150 modes
Heating Program	Max 32 modes	Max. 32 modes	30 modes	Max 100 modes	Max 18 modes
Tension	1.96 ~ 2.25N	1.96 ~ 2.25N	1.96 ~ 2.25N	1.96 ~ 2.09N	1.96N
Cleaved Length	8 – 16mm	8 – 16mm	5 ~ 16mm With Sheath Clamp	5 – 16mm, 10mm	5 – 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
Results Storage	Splice Data : 2000	Splice Data : 2000	Splice Data : 2000 Image Data : 100	Splice Data : 10,000 Image Data : 200	Splice Data : 2000 Image Data : 100, (24 images are permanently stored)
Terminal	USB 2.0 MINI USB	USB 2.0 MINI USB	USB 2.0 6-pin Mini-DIN connector for HJS power supply	USB2.0(mini-B type) SD/SDHC Memory Card	USB 2.0 mini
Dimension	133W x 155D x 160H(mm) (excluding rubber bumper)	130W X 155D X147H(mm)	146W X 159D X150H(mm) Excluding Rubber Foot	120W X 154L X130H(mm) (without anti-shock rubber)	127W X 199D X105H(mm) (not including shock absorber)
Weight	2.17KG (without battery) 2.80KG (with battery)	1.85KG (without battery) 2.21KG (with battery)	2.5kg with ADC-18 2.8kg with BTR-09	1.8kg (without Battery) 2.1kg with Battery	1.9kg without Battery 2.3 with two batteries
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 17V
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
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