





COMPARISON CHART

(Clad Alignment Method)

INNO INSTRUMENT INC.
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	View 3	21S	TYPE-201e-VS	S153A
Features				
Company	INNO	FUJIKURA	SUMITOMO	FITEL
Splicing Method	Clad Alignment (Active V-groove)	Clad Alignment (Active V-groove)	Clad Alignment (Fixed V-groove)	Clad Alignment (Active V-groove)
AS warranty	3 years	1 year extended warranty	1 year	1 year
Interface	GUI	Text	Text	Text
Electrode life	3500 arc	3000 arc	3000 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)
Average Loss	SM : 0.03dB MM : 0.02dB DS : 0.05dB NZ : 0.05dB	SM : 0.03dB MM : 0.01dB DS : 0.05dB NZ : 0.05dB	SM : 0.05dB MM : 0.03dB DS : 0.08dB NZ : 0.08dB	SM : 0.04dB MM : 0.02dB DS : 0.06dB NZ : 0.06dB
Return Loss	>> 60dB	-	-	60 dB or greater
Splicing Time	7 sec : Quick Mode 9 sec : Auto Mode	Typical 9 sec with SM	Approx. 11 sec	9 sec : Semi-Auto Mode 11 sec : Regular Mode
Heating Time	30 sec	30 sec	30 sec	25 sec
Splicing Program	Max 128 modes	100 modes	Max 200 modes	150 modes
Heating Program	Max 32 modes	Max 30 modes	Max 100 modes	Max 18 modes
Tension	1.96 ~ 2.25N	1.96 N	1.96-2.09N	1.96 N
Cleaved Length	8 ~ 16mm	5 mm to 16 mm	5-10mm	5 mm to 16 mm
Display	5.0" Double Tapping (Zoom in & out) touch screen color LCD	4.7 inch TFT color LCD with X or Y view or both X and Y view simultaneously	3.5-inch touch screen color LCD display	3.5" color LCD monitor
Results Storage	splice data : 2000	splice data : 2000	splice data : 10,000	splice data : 2000
Terminal	USB2.0 / MINI USB	USB 2.0	USB 2.0 mini-B type	USB ver.2.0 mini
Dimension	130W x 155D x 143H(mm) (excluding rubber bumper)	120W x 189D x 71H (mm)	110W×140D×76H(mm)	127W × 199D × 105H mm (not including shock absorber) 159W × 231D × 130H mm (including shock absorber)
Weight	1.95kg without battery 2.31kg with battery	1.14 kg (2.51 lbs) with battery	860g (Including BU-12L)	1.7 kg without battery 2.1 kg with two batteries
Power AC	100 to 240 AC	100 to 240 AC	100 to 240 AC	100 to 240 AC
DC	9 to 14 V	14.8V	10-15V	11-17V
Battery Capacity	typical 170 times (4,200 mAh)	Typical 200 cycles (doesn't mention)	BU-12S: 11.1V (Typical 1530mAh) BU-12L: 11.1V (Typical 3060mAh)	Typical 200 cycles (doesn't mention)
Operating Condition	0 to 5000m above, 0 to 95%RH and -10 to 50 degC and up to 15m/s wind velocity, respectively	Altitude: 0 to 3,660 m above sea level, -10° to 50° C, Humidity: 0 to 95% RH, non-dew Maximum wind velocity of 15 m/s. (34 mph)	0 to 3660m above, 0 to 95%RH and -10 to 50 degC	0 to 5000m above, 0 to 95%RH and -10 to 50 degC and up to 15m/s wind velocity, respectively