



Precision Rated Optics

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FUSION SPLICER COMPARISON

Description	PRO-730	FITEL S177A	Sumitomo Type 39	AFL FSM-60S
Splicing Method	Core Alignment	Core Alignment	Core Alignment	Core Alignment
Applicable Fibers	SM, MM, DS, NZ-DS, EDF	SM, MM, DS, NZ-DS, EDF	SM, MM, DS, NZ-DS	SM, MM, DS, NZ-DS
Cladding Diameter	100 to 150um	80 to 220um	80-150um	80-150um
Cleave Length	16mm (standard)	5-16mm	8-16mm	8-16mm
Average Splice Loss (dB)	0.02 SM, 0.01 MM, 0.04 DS, 0.04 NZDS	0.02 SM, 0.01 MM, 0.04 DS	0.02 SM, 0.01 MM, 0.04 DS	0.02 SM, 0.01 MM, 0.04 DS, 0.04 NZDS
Environmental Conditions	-25to+50 C (temp), 0-95% (humidity), 0-5000m (altitude)	-10to+50 C (temp), 0-90% (humidity), 0-4000m (altitude)	-10to+50 C (temp), 0-3660m (altitude)	-10to+50 C (temp), 0-95% (humidity), 0-5000m (altitude)
Tension Test	2.0N (Standard)	N/A	1.94N	1.96-2.25N
Monitor	5.1" Color LCD	N/A	5.6" Color LCD	4.1" Color LCD
Splice Time	8 Seconds	9 Seconds	9 Seconds	9 Seconds
Heater Time	40 Seconds (Best Time)	37-51 Seconds	25-30 Seconds (equipped with dual heaters)	35-55 Seconds
Max Wind Velocity	15 mph	N/A	30 mph	34 mph
Camera Axis	X & Y	X & Y	X & Y	X & Y
Languages	English, Spanish, Russian, Chinese, Korean	N/A	16 Languages	N/A
Auto Check Fiber End Face	Yes	N/A	N/A	N/A
Auto Calibrate	Yes	N/A	N/A	N/A
User Programmable	Yes	N/A	N/A	N/A
Interface	RS232	USB	USB	USB
Data Storage	8000 Splices	2000 Splices	10,000 Splices	2,000 Splices
Power Supply (All have AC Operation)	Internal Battery ~200 Splices	Internal Battery 70 Splices	Internal Battery ~100 Splices	Internal Battery 160 Splices
Dimensions (W"xH"xD")	6.5 x 5.5 x 6.5	5.2 x 5.4 x 5.4	5.9 x 5.9 x 5.9	5.3 x 5.6 x 6.3
Weight (lbs)	7.25	4.85	6.2	5.9
Warranty	3 Years	1 Year	1 Year	2 Years
Annual Clean & Calibrate During Warranty	Yes	No	No	No
MSRP	\$8,995	\$15,599	\$15,750	\$16,225

Tel: (888) 545-1254 • Fax: (415) 358-4602 • Email: Sales@FiberOpticPro.com
 Precision Rated Optics 37 Sweet Gum Road Howell, NJ 07731