



Precision Rated Optics

Work with a PRO!

PRO-790 Fusion Splicer



The PRO-790 Fusion Splicer is a rugged, compact fusion splicer that quickly splices 250 μ m, 900 μ m and 3mm fiber. The PRO-790 has an 8-Second splice time, 4.3" LCD monitor and is ruggedized for heavy field use.

Sold, serviced and supported in the USA, the PRO-790 comes with a 1-Year Manufacturer warranty.

- Simultaneous X and Y Views
- Ideal for Lateral Splicing
- PAS Technology
- 8-Second Splice Time
- Lithium Polymer Battery for Extended Run-Time



SPECIFICATIONS

Applicable Fibers	SM, MM, DS, NZDS, G655, G657
Fiber Diameter	Cladding Diameter: 80-150 μ m; Coating Diameter: 100~1,000 μ m
Average Splice Loss	0.01db (MM), 0.02db (SM), 0.04db (DS/NZDS/G.655/G.657)
Return Loss	60dB
Tension Test	2.0N (Standard)
Splice Time	8 Seconds
Sleeve Lengths	20mm, 40mm, 60mm
Sleeve Heating Time	35 Sec.
Splicing Programs	5 groups of preset programs, 75 groups of manual settings
Alignment	Core Alignment (PAS Technology)
Splicing Method	Arc Splicing
Fiber Holder	Bare Fiber, Pigtails, Patch Cords, Splice-on Connectors (SC)
Monitor	4.3" Color LCD Touchscreen
Interface	USB
Languages	English, Chinese, Russian, Spanish, Portuguese
Data Storage	10,000 Splice Results
Electrode Lifespan	>= 5,000
Operating Temperature	-0.4 $^{\circ}$ F ~ 122 $^{\circ}$ F (-18 $^{\circ}$ C ~ 50 $^{\circ}$ C)
Storage Temperature	-40 $^{\circ}$ F ~ 176 $^{\circ}$ F (-40 $^{\circ}$ C ~ 80 $^{\circ}$ C)
Power Supply	85 ~ 260V input Voltage 12V, 6Ah, up to 120 times continuous splice and heat
Environmental Conditions	0 ~ 95% (Humidity), 0 ~ 5000m (Altitude)
Weight & Dimensions (LxWxH)	4.8" x 4.8" x 5.1" / 4.5 lbs (122mm x 122mm x 130mm / 2.04 kg) w/Batt
Warranty	Standard 1-Year Manufacturer Warranty (Extended Warranty Available)



PRO-790 Fusion Splicer Standard Package Includes:

Fusion Splicer, DC Charger, Spare Electrodes, Cooling Tray, Carry Case, Fiber Cleaver, Fiber Strippers, Manual and/or Software Download Card

Ordering Information

PRO-790	PRO-790 Core-Alignment Fusion Splicer
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P/N: PRO-790-M v.3.29.21

www.PrecisionRatedOptics.com

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