



# 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 250µm, 900µm and 3mm fiber, as well as Splice-On Connectors.

The PRO-790 has an 8-Second splice time, 4.3" LCD touchscreen monitor and is ruggedized for heavy field use. With an onboard oven capable of accommodating Splice-On Connectors, the PRO-790 is extremely versatile.

Sold, serviced and supported in the USA, the PRO-790 comes with a 1-Year Manufacturer warranty, Splice-on-Connector holders and a carrying case.

- 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: 80-150µm; Coating Diameter: 100~1,000µm
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, Pigtailed, 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 °F ~ 122 °F (-18 °C ~ 50 °C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °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)



All Splicing Tools in One Case!



Built-in Workstation

### PRO-790 Fusion Splicer Standard Package Includes:

Fusion Splicer, DC Charger, Spare Electrodes, Cooling Tray, Carry Case, Fiber Cleaver, Fiber Strippers, SOC (SC) Fiber Holder, Operating Manual

### Ordering Information

PRO-790	Core-Alignment Fusion Splicer w/Splice-On Connectors
---------	------------------------------------------------------

P/N: PRO-790-M v.11.23.15