



Precision Rated Optics

Work with a 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, as well as Splice-On Connectors.

The PRO-790 has an 8-Second splice time, 4.5" LCD 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 and carrying case.

- Compact and Ruggedized
- Color, 4.5" LCD Monitor
- PAS Technology
- 8-Second Splice Time
- USB Interface for Data Transfer



SPECIFICATIONS

Applicable Fibers	SM, MM, DS, NZ-DS (G655), 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), 0.05db (DS/NZDS/G.655/G.657)
Return Loss	60dB
Tension Test	2.0N (Standard)
Splice Time	8 Seconds
Sleeve Lengths	25mm, 40mm, 50mm
Sleeve Heating Time	35 Sec.
Splicing Programs	Manual and Automatic Settings
Alignment	PAS Technology
Fiber Holder (Bare Fiber)	250 μ m ~ 900 μ m, Pigtails, Patch Cords or Optical Fiber Drop Cables
Monitor	4.5" Color LCD
Interface	USB
Languages	English, Spanish, Chinese
Data Storage	10,000 Splice Results
Electrode Lifespan	5,000 Splicing Operations
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	Internal Li-Ion Battery, AC/DC Adaptor (12v) Battery Capacity: Approximately 120 Splices and Oven Uses
Environmental Conditions	0 ~ 95% (Humidity), 0 ~ 5000m (Altitude), 15mph (Max. Wind Velocity)
Weight & Dimensions (LxWxH)	4.7" x 4.7" x 4.5" / 3.75 lb (120 x 120 x 115 mm / 1.7 kg)
Warranty	Standard 1-Year Manufacturer Warranty (Extended Warranty Available)

790 Fusion Splicer Standard Package Includes:

Fusion Splicer, AC/DC Charger/Adaptor, Spare Electrodes, Cooling Tray, Carry Case, Fiber Cleaver, Fiber Strippers, Fiber Holders, Operating Manual

Ordering Information

PRO-790

Core-Alignment Optical Fusion Splicer (PAS) w/Splice-On Connectors

P/N: PRO-790-M v.62.14

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