



# Precision Rated Optics

Work with a PRO!

## PRO<sup>®</sup>-910R Fusion Splicer



- Shock, Dust and Water Resistant
- Navigational Touch Screen with 4.3 Color Monitor
- Long Battery Life (More than 320 Charge Cycles)
- Attached Sleeve Loader
- Dual Sleeve Heater
- All-in-One Design
- Thermal Stripper
- Compatible with SOC Connectors (Option)
- 250um/900um Micron Fiber Holders
- 12-Fiber Ribbon Holders

The PRO-910R addresses the high demand for ribbon splicing, which is becoming more common in the industry. The PRO-910R boasts an ergonomic “all-in-one” design which allows a technician to complete all five splicing operations (stripping, cleaning, cleaving, splicing and sleeving) quickly and conveniently. The compact design also eliminates the need for a large work space and includes all of the prep tools (manual stripper, cleaver and alcohol bottle) right onboard!

The automatic thermal stripper quickly and easily strips 250um and 900um fiber. Thermal stripping eliminates the possibility of scratching, which often occurs with mechanical stripping.

[www.PrecisionRatedOptics.com](http://www.PrecisionRatedOptics.com)

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# PRO-910R

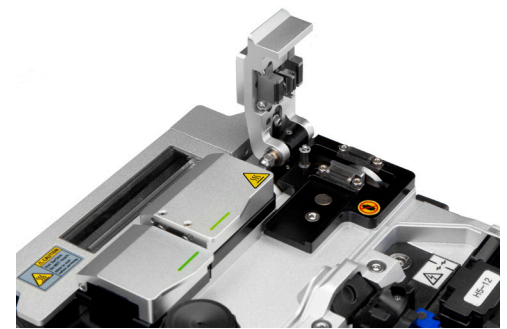
Fusion Splicer



Alcohol Pump



Splicer with 12-Fiber Holder



Cleaver/Stripper

## SPECIFICATIONS

Applicable Type of Fibers	SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655)
Fiber Count	Single Fiber, 2~12 fiber
Applicable Fiber Dimensions	Single: Cladding Diameter 125 , Coating Diameter 250, 900 Ribbon: Cladding Diameter 125 , Ribbon Fiber Thickness 0.27 to 0.32mm
Fiber Setting and Cleaved Length	8mm
Splicing Modes	Splice Mode: 100, Heat mode: 50
Typical Splice Loss	SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB
Return Loss	> 60dB
Splicing Time	Typically 20sec with Standard SM (ITU-T G.652)
Splice Loss Estimate	Available
Sleeve Heating Time	35 sec
Applicable Protection Sleeve	45mm (Fiber), 28mm or 32mm (Connector)
Storage of Splice Result	The Last 1,000 Results to be Stored in the Internal Memory (Image 100 results)
Tension Test	2N / 4,4N (Option)
Operating Condition	Altitude: 0~3,660m Above Sea Level, Temperature: -10 ~50 , Humidity: 0~95%, Wind: 15m/s, Non-Condensing, Dust Proof, Shock Proof
Storage Condition	Temperature: -40 ~80 , Humidity: 0~95%
Dimensions (WxLxH)	140mm x 225mm x 125mm (5.5in x 8.85in x 4.9in) (Include Monitor, Rubber)
Weight	2.3kg (Including Battery)
Viewing Method and Display	Two CMOS Cameras and 3.5" color LCD Monitor with Touch Panel
Fiber View and Magnification	X/Y : 300X/170X
Power Supply	DC 14.8V Battery (7,700mAh), 100 ~ 240V AC Adapter
No. of Splice Cycles with Battery	320-Cycle Lithium Polymer Battery
Electrode Life	More than 1,000 Splices
Terminals	USB, External Power (DC 12V Available for Car Lighter Input)

### PRO-910R Standard Package Includes:

Arc Fusion Splicer, AC Adapter, Sleeve Loader, Spare Electrodes, 250/900 Micron / 12-Ribbon Fiber Holders, Battery Pack, Cooling Tray, Holder, Tool Box, User Manual, Carrying Case,

**Also Available: Ribbon Holders for 2, 4 or 8 Fiber Ribbon**