



# Precision Rated Optics

Work with a PRO!

## OFS-950S

### Core-Alignment Splicer



The Precision Rated Optics OFS-950S All-in-One, Core-Alignment Fusion Splicer has quickly become one of PROs most popular splicers. The OFS-950S accepts Splice-on Connectors and has an automatic thermal stripper, cleaner dispenser, one-step precision cleaver and dual-oven heater right onboard!

With a splicing time of only 9 seconds, a tube heating time of just over 20 seconds and battery capacity of over 320 splicing operations, the OFS-950S is the "Swiss Army Knife" of splicers and is rapidly becoming the "must-have" tool for fiber technicians.

The OFS-950S also boasts a 4.3" touchscreen color monitor and can splice any single fiber, singlemode or multimode fiber as well as splice-on connectors! Sold, serviced and supported in the USA and includes a 1-Year manufacturer's warranty, spare electrodes and a carrying case.



- All-in-One Design
- Navigational Touch-Screen with 4.3" Color Monitor
- 250µm/900µm Fiber Holders
- Thermal Stripper
- Long Battery Life (More than 320 Splice/Heat Cycles)
- Water, Dust and Shock Resistant
- Attached Sleeve Loader
- Dual-Sleeve Heater
- Compatible with SOC Connectors (Optional)

#### OFS-950S Standard Package Includes:

Fusion Splicer with Auto Stripper, Cleaner Unit and Cleaver, AC/DC Adapter/Charger, Sleeve Loader, Spare Electrodes, Battery Pack, Cooling Tray, User Manual, Hard Carrying Case

#### SPECIFICATIONS

Alignment	IPAS Core-to-Core Alignment (Image Pattern Analysis Alignment System)
Applicable Fibers	SMF (ITU-T G.652), MMF (ITU-T G.651), DSF (ITU-T G.653), NZDSF (ITU-T G.655), EDFA, E1980
Applicable Fiber Dimensions	Single: Cladding Diameter 80µm ~ 150µm , Coating Diameter 100µm ~ 1,000µm
Fiber Cleaved Length	250µm (Coated): 8 ~ 16mm, 900µm: 16mm
Typical Splice Loss	(SMF) 0.02dB   (MMF) 0.01dB   (DSF) 0.04dB   (NZDSF) 0.04dB
Return Loss	> 60dB
Tension Test	2N/4.4N (option)
Splicing Times	Splicing: Typically 9 sec. Heating Time: Typically 20 - 26 sec. with S-160 (60mm) Tube
Data Storage	2,000 Splice Results (Images: x100 Results)
Ports	USB, RCA, External Power
Batteries	DC 14.8V Lithium Polymer Batteries (7700mAh)
Battery Capacity	320 Splicing Operations
Aux. Power	100 ~ 240V AC/DC Adaptor
Electrode Lifespan	>2,000 Splicing Operations
Display	2x CMOS Cameras and 4.3" Color LCD Monitor with Touchscreen
Fiber View and Magnification	X/Y 300X, 170X
Operating Temperature	14° F ~ 122° F (-10° C ~ 50° C)
Storage Temperature	-40° F ~ 176° F (-40° C ~ 80° C)
Environmental Conditions	Humidity: 95% (Non-Condensing) Altitude: 0~5000m Above Sea Level Wind: 15 m/s
Weight & Dimensions (LxWxH)	5.59" x 8.85" x 5.19" / 7.05 lb (225mm x 142mm x 132mm / 2.95 kg)

#### Ordering Information

OFS-950S	Fusion Splicer (PAS)
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