OFS-960S
Fusion Splicer

The PRO OFS-960S Core Alignment Fusion Splicer uses the latest core alignment technology with autofocus and six motors. It is fully qualified with 100 km trunk construction, FTTH project, security monitoring, and other fiber cable splicing projects. The OFS-960S uses industrial quad-core CPU and is currently one of the fastest fiber splicing machines in the market. With 5-inch 800X480 high-resolution screen, the operation is simple and intuitive. Up to 300x focus magnification makes it very easy to observe the fiber. The OFS-960S fusion splicer features a 5-second splice time and 15 second heating time, increasing work efficiency by 50% compared to ordinary splicing machines.

FEATURES

- ✳ Six Motors
- ✳ Core Alignment
- ✳ 5 Second Splice Time
- ✳ 15 Second Heating Time
- ✳ Built-in Power Meter and VFL
- ✳ Anti-theft lock
- ✳ Remote Control

Standard Package Includes:
Fusion splicer, fiber cleaver, spare electrodes, wire stripping pliers, 3-hole stripper, hex key, carrying case, fiber for arc calibration, carrying strap, power adapter, alcohol bottle, brush, LED light.

POWER METER

Wavelength (nm)	*850, 1300, 1310, 1590, 1550, 1625*
Measuring Range:	*-70 ~ +6dB*
Absolute Error	*<0.3dB (-50dBm ~ +3dBm Range)*

VISUAL FAULT LOCATOR

Power	*15mW, 2Hz, Flashing or Constant Light Modes*

ORDERING INFORMATION

OFS-960S	*Fusion Splicer*

SPECIFICATIONS

Applicable Fiber	*SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)*
Fiber count	*Single*
Applicable fiber cables	*0.25mm - 3.0mm / Indoor cable*
Applicable fiber diameter	*Cladding diameter: 80~150µm, Coating diameter: 125~1000µm*
Fiber Holders	*Multifunction holders, Applicable for SM, MM, bare fiber, pigtail, rubber-insulated, multi-fiber cable*
Splice loss	*SM : 0.025dB, MM : 0.01dB, DS : 0.04dB, NZDS : 0.04dB, G.657 : 0.02dB*
Splice mode	*Normal/high precision splicing*
Internal splice data storage	*Synchronize with phone for unlimited cloud storage*
Splicing time	*5s*
Heat oven	*20mm, 30mm, 40mm, 50mm, 60mm*
Typical heating time	*15s*
Heat mode	*Various heat modes available*
Displaying method	*Two cameras and 5.0 inch color LCD monitor*
Magnification	*300x for single X or Y view, or 150x for both X & Y view*
Tensile test	*2N*
Standard AC power voltage	*AC 100-240V, 50-60Hz*
Standard DC power voltage	*DC 13.5V/4.8A*
Display	*5.1 inch TFT color display*
Size/Weight (WxDxH)	*6.57" x 5.62" x 6.41"in / 6.17lb (167 x 143 x 163mm / 2.8kg)*
Operating condition	*0~5000m above sea level, 0~95% relative humidity, 14~122°F (-10~50°C), 15m/s max wind speed*
Storage condition	*v*
Battery	*7800mA high-capacity lithium battery Charging time: >= 3.5 hours*
Continuous Splicing/Heating	*240 times*

121 Park Avenue, Quakertown, PA 18951 USA | 1-877-529-9114 | **Sales@FiberOptic.com**
Specifications are subject to change without notice.

FiberOptics.com
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