



# Precision Rated Optics

Work with a PRO!

## OFS-945S Fusion Splicer



The OFS-945S a core-alignment splicer with the world's highest fiber image magnification rate, is the most dependable fusion splicer in the market. Includes a 5 inch high-resolution color LCD touch screen with user-friendly intuitive GUI (Graphic User Interface) offers large and clear fiber images to users. By double-tapping the screen, users can zoom in & out the image to the world's highest magnification of 520x. Also has compatibility with SOC (Splice-On-Connectors) will bring satisfactory experiences to users in FTTx field with maximum work efficiency through the fast heating time of 13s. Moreover, the 3 LED lights provide bright splice condition to the users working under dark environments. The OFS-945S is the new industry standard of core-alignment splicer in the telecommunications industry.

- Core Alignment Splicing Method with DACAS (Digital Analysis Core Alignment System)
- 5" Color LCD Touch Screen
- User-friendly Smart GUI
- Fast Heating Time
- Detachable SOC Holder and Heating Oven
- 3 Bright LEDs and Illuminated Keypads For Dark Environment
- High Capacity Battery
- Ceramic Clamp for Improved durability
- Easy to Replace Electrodes
- Harsh Weather Conditions Adaptability

### OFS-945S Standard Package Includes:

Splicer, High Precision Cleaver, Fiber Holder, SOC Heater Cover, AC Adapter, Cooling Tray, Electrode, Electrode Grinder, Manual and/or download card, Battery Pack, Power Cable, USB Cable, Cigarette Lighter Cable, Carrying Case, Supplier's declaration of conformity, Test protocol

### Ordering Information

OFS-945S	Fusion Splicer
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### SPECIFICATIONS

Applicable fiber type	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
Splice loss	SM : 0.02dB, MM : 0.01dB, DS : 0.04dB, NZDS : 0.04dB, G.657 : 0.02dB
Splice mode	128 splice modes
Internal splice data storage	2000
Splicing time	SM Quick mode: 7s
Heat oven	20mm, 30mm, 40mm, 50mm, 60mm
Heating time	8-900s
Typical heating time	13s
Heat mode	Various heat modes available
Displaying method	two cameras and 5.0 inch color LCD monitor
Magnification	520x for single X or Y view, or 520x for both X and Y view
Tensile test	1.96-2.25N
Terminals	USB2.0 / MINI USB
Standard AC power voltage	AC 100-240V, 50-60Hz
Standard DC power voltage	DC 9-14V
Size/Weight (WxDxH)	5.78" x 5.11" x 6.1" in / 4.87lb (147 x 130 x 155mm / 2.21kg)
Operating condition	0~5000m above sea level, 0~95% relative humidity, 14~122°F (-10~50°C), 15m/s max wind speed
Storage condition	0~95% relative humidity, -40~176°F (-40~80°C)
Battery	-4~86°F (-20~30°C) for long time storage