



Precision Rated Optics

Work with a PRO!

OFS-943V Fusion Splicer



- Active V-Groove Clad Alignment Splicing Method
- 5" Color LCD Touch Screen
- 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-943V 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-943V	Fusion Splicer
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The OFS-943V, an active clad-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. Moreover, the 3 LED lights provide bright splice condition to the users working under dark environments. The OFS-943V is the new industry standard of active clad-alignment splicer in the telecommunications industry.

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 : 0.03dB, MM : 0.02dB, DS : 0.05dB, NZDS : 0.05dB, G.657 : 0.03dB
Splice mode	Maximum 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	30s
Heat mode	Various heat modes available
Displaying method	Two cameras and 5.0 inch color LCD monitor
Magnification	520x magnification for single X or Y view, or 520x magnification 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 (HxWxD)	5.98" x 5.78" x 6.88" in / 5.09lb (152 x 147 x 175mm / 2.31kg)
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