



Precision Rated Optics

Work with a PRO!

OFS-947R *Ribbon Fusion Splicer*



The OFS-947R Ribbon Fusion Splicer is equipped with a fully motorized clamp system and is the most robust and advanced ribbon splicer available. Its advanced automatic clamp alignment system offers an accurate and dependable ribbon fiber splicing up to 12 fibers with double-tapping (zoom in & out) to the world's highest magnification of 250x for ribbon splicer. The OFS-947R provides maximum work efficiency through its fast splicing & heating time, ultra-high battery capacity of 220 splice / heat cycles, and universal holder both for 250µm & 900µm single fiber. The OFS-947R ensures the most reliable work experience to our valuable customers.

- Motorized Clamp Alignment System
- Ultra-High Capacity Battery
- 5" Color LCD Touchscreen
- Universal Single Fiber Holder

OFS-947R Standard Package Includes:

Splicer, Cleaver, Cleaver Case, Thermal Stripper, Fiber Holders (12 Ribbon, 8 Ribbon, 4 Ribbon, 250 & 900um, SOC Holder), SOC Heater Cover, AC Adapter, Cooling Tray, Electrodes (Pair), Electrode Grinder, Manual CD, Battery Pack, Power Cable, Micro HDMI to USB Cable, DIN Cable, Car Charger, Thermal Stripper Charger, Protection Sleeves, V-Groove Cleaning Brush, Carrying Case

Ordering Information

OFS-947R | Ribbon 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	1, 2, 4, 6, 8, 10, 12
Compatible Fiber/Cable	Ribbon : 0.25~0.4 mm / Single: 250 µm & 900 µm
Cladding Diameter	125 µm
Cleaved Length	10 ~ 13mm
Splice Mode/Heating Mode	100 Splice Modes 32 Heating Modes
Typical Splice Loss	(SM)0.05dB, (MM)0.02dB, (DS)0.08dB and (NZDS)0.08dB Measured by Cut-back Method Relevant ITU-T and IEC Standards
Splice Time	Ribbon fiber: 15 Sec / Single fiber: 9 Sec
Tube Heating Time	Typical 20 Sec
Splice Result	Last 2000 Splices
Fiber View & Magnification	X, Y, XY, X/Y : 250X Magnification
Protective Sleeve	60mm, 50mm, 40mm, Micro
Splice/Heating pre Battery	8700mAh Battery Capacity / Typical 220 times (Splice + Heat)
Electrode Life	1500 arcs, can be extended by using an electrode grinder
Display	5" Color High Resolution LCD Touchscreen
Size/Weight (WxDxH)	5.62" x 6.41" x 6.57in / 4.36lb (143 x 163 x 167mm / 1.97kg)
Operating Environment	Elevation 0-3,660m, Temp: 14~122°F (-10 ~ 50°C), 0-95% Relative Humidity
Storage Conditions	Temp: -40~176°F (-40~80°C), 0-95% Relative Humidity, Battery: -4~86°F (-20-30°C)
Pull Test	1.96 to 2.25N (Standard), 4,4N (Optional)
Terminals	DIN / Micro HDMI