

# IVR-S-180

## Optical Fusion Splicer



IVR-S-180 is a reliable fusion splicer with advanced imaging system and full digital processing technology. It is portable, shockproof, dustproof, waterproof, and the high-capacity lithium battery to provide more effective support for a long time the field work.

- 300X fiber magnification
- Simultaneous X and Y view, or X/Y view
- 9 seconds splicing, 28 seconds heating
- Full digital processing technology, auto core to core alignment
- Multi alignment mode: cladding alignment, core alignment.
- Storing 5000 splice results
- Storing electrode discharge times
- USB support data transfer
- 3.7 inches high resolution color LCD screen
- The new gloopy cover with nice appearance provide more dustproof & windproof
- User-friendly operating system, smart menu design
- Battery capacity indication and auto power off in low battery
- 9000mAh high-capacity Li-battery

**Contacto de ventas y soporte técnico**  
+52 55 84374485 / +52 1 55 45931368 / +52 1 55 14749712  
jesica.garcia@intervre.com / heber.vallejo@intervre.com  
Av. Río Consulado 1674-A, Vallejo, Ciudad de México, CP 07870

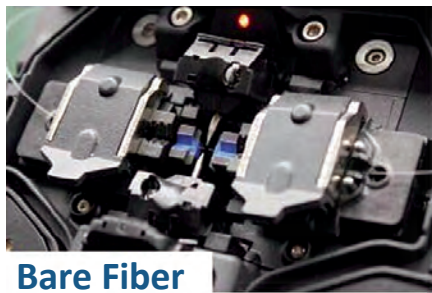
**interVRE**  
www.intervre.com

***IVR-S-180 Specifications***

<b>Applicable Fibers</b>	SM, MM, DS, NZDS, BIF & UBIF (G.657)
<b>Average Splice Loss</b>	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
<b>Return Loss</b>	≥60dB
<b>Operating mode</b>	Full automatic , semi-automatic
<b>Average splicing time</b>	9 seconds
<b>Average heating time</b>	28 seconds for standard 40mm/60mm sleeve
<b>Alignment mode</b>	cladding alignment, core alignment
<b>Applicable Fiber Diameter</b>	Cladding 80~150μm, coating 100~1000μm
<b>Fiber cleaved length</b>	8~16mm
<b>Magnification times</b>	X and Y simultaneously 150X; X or Y respectively 300X
<b>Splicing program</b>	100 sets (Default 9 sets)
<b>Heating program</b>	50 sets (Default 8 sets)
<b>Store capacity</b>	5000 results
<b>LCD Display</b>	3.7 inch TFT LCD, 640x480 resolution
<b>Tension Test</b>	2.0N (200gf) (Standard)
<b>Applicable protection sleeve</b>	60mm, 40mm, 20mm, and a series of micro sleeves
<b>Interface</b>	Standard USB
<b>Electrode life</b>	2500 discharges
<b>Battery ability</b>	Average 250 times splice and heat, charging time: 3-4 hours
<b>Power Supply</b>	AC/DC adapter: Input: AC100~240V, 50/60Hz, Output: DC13.5V/5.0A Lithium battery 12.0V, 9000mAH
<b>Environmental Conditions</b>	Operation temperature -10~+50 °C, Humidity 0~95% RH, Altitude 0~5000m
<b>Dimensions</b>	L135mm*W160mm*H150mm
<b>Weight</b>	2.2 kg (with battery)

## Standard Package:

Item	Name	Qty
1	IVR-S-180 Fiber fusion splicer	1
2	Instruction Manual	1
3	Package List	1
4	Warranty card	1
5	Carrying Case	1
6	BE-135500 Power adapter	1
7	Power cord cable	1
8	BT-1706 Li-battery	1
9	Fiber Cleaver	1
10	Fiber stripper	1
11	Rubber-insulated wire stripper	1
12	Spare electrode	1 pair
13	Alcohol bumper	1
14	Cooling rack	1
15	Tweezer	1
16	SC connector Holder	1



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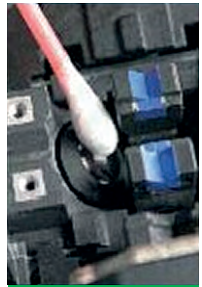
Heated Quick Connector



The With Heating Components. Supporting The Automatic Processing



Easy to Dismantle The Electrode



Easy to Clean The Shots



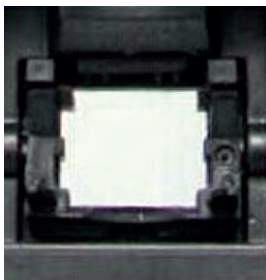
Easy to Lie The Fiber With Multi-Function Fixture



Super Capacity Battery



Easy to Clean The Lens



Detachable Pressure Hammer

