

IVR-S-206

Fusion Splicer



Product images are for illustrative purposes only and may differ from the actual product.

Fusion splicer is used for joining two optical fibers end-to-end using heat, to fuse the two fibers together in such a way that light passing through the fibers is not scattered or reflected back by the splice, and so that the splice and the region surrounding it are almost as strong as the virgin fiber itself. IVR-S-206 is our latest developed product. It is more concise and smaller in size and has obtained 2 patents for the fusion splicer research.

- 5.0 inches high resolution colorful LCD display; image can be turned according to position
- Typical splice time of 8 seconds
- Optional heating mode; typical tube-heat time of 20 seconds
- Rechargeable lithium battery up to 200 times of continuous splice and heat after fully charged
- Separately X or Y axis views with 460 times magnification
- 6 motors 3D fiber core alignment

Sales Contact and Technical Support
+52 5584374485 / +52 5621385218 / +52 5514749712
jesica.garcia@intervre.com / heber.vallejo@intervre.com
Av. Río Consulado 1674-A, Vallejo, Ciudad de México, C.P. 07870

interVRE
www.intervre.com

Key Features

- Auto Tube-heating
- Clear fiber core views
- New developed image processing technology
- New cleaver with imported guide rail
- New developed steering wind-proof, better locator, providing stronger wind and dust resistance
- New 3-in-1 cutting fixture (patented technology)
- New Multipurpose 1+N fixture (patented technology)

* 1+N: one 3-in-1 fixture (for rubber-insulated wire, fiber optic pigtail, bare fiber) & optional fixtures (for SC/LC/FC connector)

Specifications

General Specifications	
Screen	5.0 inches high resolution colorful LCD display
Lenguages	English, Chinese
Size	130 x 135 x 130 mm
Tensile Test	2.0 N (600gf) (Standard)
Power Supply	<ul style="list-style-type: none">▪ AC adaptor: 100 ~ 240 V input voltage, 50/60Hz▪ 12 V, 5 A output voltage (DC)▪ Inner lithium battery: 12 V, 5.2 AH
Operating Environment	<ul style="list-style-type: none">▪ Operation temperature: -10 ~ +50 °C▪ Relative humidity: 0 ~ 95 %▪ Altitude: 0 ~ 5000 m
Weight	<ul style="list-style-type: none">▪ 1.40 kg without battery▪ 1.77 kg with battery

Technical Specifications

Applicable Fiber Type	<ul style="list-style-type: none">▪ SM (ITU-T G.652)▪ MM (ITU-T G.651)▪ NZDS (ITU-T G.653)▪ EDF▪ Pigtail▪ Cable (rubber-insulated wire)▪ Others including G.657 & G.651
Average Splice Loss	<ul style="list-style-type: none">▪ 0.015 dB (SM)▪ 0.01 dB (MM)▪ 0.04 dB (NZDS)▪ 0.04 dB (EDF)
Return Loss	≥ 60 dB
Typical Splicing Time	8 seconds
Typical Heating Time	20 seconds
Splicing Program	50 groups
Protection Sleeve Length	20 mm, 40 mm, 60 mm
Fiber Image Magnification	X or Y axis Separately views 400 times magnification, or simultaneously 220 times
Storage of Splice Result	100 groups images

Ordering Information

Standard Configuration	
Accessories Code	Accessories Description
G	GPS tracker (optional, ie, IVR-S-206-G)
N/A	1 Power adapter
N/A	1 Battery
N/A	1 Fibre cleave
N/A	1 Fibre stripper
N/A	1 Drop cable stripper
N/A	Spare electrodes
N/A	1 Quick Reference Guide
N/A	1 Instruction CD
N/A	1 Cooling Tray
N/A	1 Carrying case with carrying strap

- *InterVRE reserves the right to alter and amend the design, characteristics and specifications without notice or obligation.*

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Tel: +52 5584374485 / +52 5621385218 / +52 5514749712

Email: jessica.garcia@intervre.com / heber.vallejo@intervre.com

Address: Av. Río Consulado 1674, Vallejo, Gustavo A. Madero, P.C. 07870, Ciudad de México, México

Web: www.intervre.com