IVR-S-200
Fusion Splicer

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

IVR-S-200 is a small in size and light in weight fusion splicer with the most fast splicing speed; 7 seconds fast splicing, and 16 seconds arc heating.

It adopts advanced PAS fiber adjustment technology, four motors and fiber adjustment function. It is used for FTTX projects, but also can be used for the trunk line.

- The body is made from titanium alloy, and it has rubber protection function, quakeproof, waterproof, dustproof
- 7s fast splicing, 16s fast heating, support continuous heating
- Long lifetime: 1 group batteries, 240 times splicing and heating
- Convenient for maintenance
- Ten languages: Chinese, English, spanish, chinese, russian, portuguese, french, italian, polish, and thai

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Specifications

General Specifications	
Screen	4.3 inch color LCD
Lenguages	Chinese, English, Russian, Portuguese, French, and Spanish display
Size	133 × 144 × 133 mm
Interface	USB 2.0
Tensile Test	2N
Power Supply	▪ 4000 mAh lithium battery ▪ AC 100-240V power adapter
Battery	▪ Typical work 240 cycles (splicing / heating) ▪ Fully charge 3 hours ▪ Recharge cycles 500 times ▪ 4000 mAh lithium battery
Maximum Storage	10,000 set of the latest record storage
Operating Environment	▪ Altitude: 0 to 5,000 m ▪ Humidity: 0% to 95% relative ▪ Temperature: -20 °C to 50 °C ▪ Wind speed: 15 m/s
Storage Conditions	▪ Humidity: 0% to 95% relative ▪ Temperature: -40 °C to 80 °C (without batteries) ▪ Temperature: -20 °C to 40 °C (with batteries)
Weight	▪ 1.5 kg (without batteries) ▪ 1.8 kg (with batteries)
Corrosion resistance	Device components, spare parts and material used to meet corrosion requirements, fluid contamination from erosion
Package	Water proof, dust proof and drop proof; can bear more than 300 kg

Technical Specifications	
Applicable Fiber Type	▪ SM (ITU-T G.652) ▪ MM (ITU-T G.651) ▪ DS (ITU-T G.653) ▪ NZ/NZDS (ITU-T G.655) ▪ BI (ITU-T G.657)
Applicable Fiber Count	Single
Alignment	▪ Core alignment ▪ Cladding alignment ▪ Fine alignment
Applicable Fiber Cable Ø	2 mm / 3 mm / 4 mm / 6 mm
Applicable Fiber Ø	▪ Cladding diameter: 80 um to 150 um ▪ Coating diameter: 100 um to 1000 um
Splice Mode	Stored 40 groups, 80 groups of user-defined
Average Splice Loss	▪ 0.02 dB (SM) ▪ 0.01dB (MM) ▪ 0.04 dB (DS) ▪ 0.04 dB (NZ/NZDS) ▪ 0.02 dB (BI)
Return Loss	More than 60 dB
Splicing Time	9s (typical time) or 7s (fast type)
Splice Loss Evaluation	Yes
Optical Magnification	▪ X / Y: 150 times ▪ X or Y: 300 times
Applicable Sleeve Length	60 mm / 45 mm / 40 mm (FP-03)
Heating Time	Up to 16s, adjustable according to the type of heat shrinkable tube
Auto Heating	Support

Ordering Information

IVR-S-200 Standard Configuration	
Accessories Code	**Accessories Description**
G	GPS tracker (optional, ie, IVR-S-200-G)
N/A	1 Power adapter
N/A	1 Large capacity battery (built in)
N/A	1 Fibre cleave
N/A	1 Fibre stripper
N/A	1 Spare electrode
N/A	1 Special alcohol tank
N/A	1 Operation Guide Manual
N/A	1 Hand strap
N/A	1 Pallet Cooler
N/A	1 Leather line stripper
N/A	1 Alcohol bottle
N/A	1 Package bag

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