

VT-42S-DV ARC Fusion Splicer

Core Alignment Splicing Method

Auto heating more efficient

4.3" Color LCD Screen



Description

VT-42S-DV is an automatic fusion splicer for SM, MM, DS, NZ-DS(G655), EDF and other fibers. The innovative transit case and work tray provide multiple options for the best utilization of available work space. VT-42S-DV splicers are suitable for core alignment. Using one of these methods the two cleaved fibers are automatically aligned by the fusion splicer in the x,y plane, then are fused together. The bare fiber area is protected either by recoating or with a splice protector. A splice protector is a heat shrinkable tube with a strength membrane and less loss.

Features

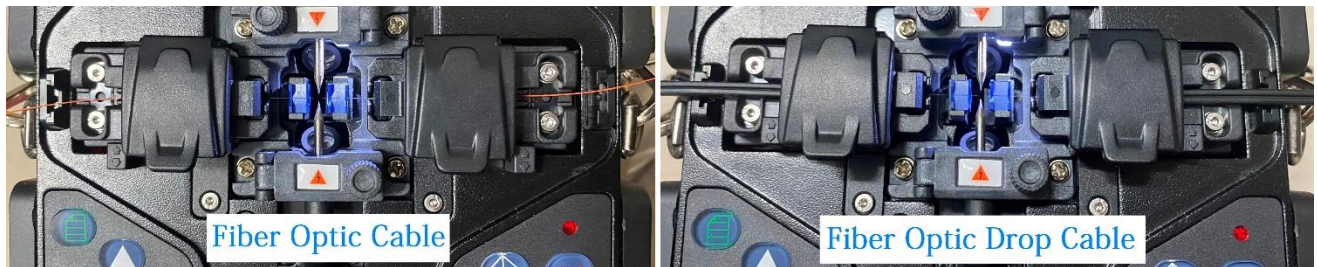
- Fast splicing and heating time: ~7 second splicing and ~13 second heating
- GPU processors help increase performance and reduce power consumption
- Powerful battery and Top Quality electrode: up to more 250 times of continuous splice and heat and more 5500 times life span electrode
- Terminal solder and subscriber optical cable (drop cable)
- Equipped with double VGroove for more precise setting operation
- Fully Automatic Operation

- 5000m altitude ensures Splice Quality
- SYSTEM TEST ensures the best working condition
- 4.3 inch high resolution color screen, anti-reflective
- Pause function, convenient for scientific research
- Store more 10.000 groups of splice results with 2.000 picture
- USB&DC interface
- More 400 Magnifications of X and Y
- Display fiber in each X, Y axis; or both X and Y at the same time
- Four motors Core-Alignment PAS technology
- Anti-shock, dust proof (standard IP5X) and waterproof (standard IPX2).

Specifications

Model	VT-42S-DV
Dimension	122mm (L) *122mm (W) *130mm (H)
Weight	~1.85kg (include battery)
Languages	English, Vietnamese,...
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)
Compatible Fiber / Cable	SM, MM, DS, NZDS, G655, G657 and others
Cleaved Length	Diameter: 0.1~1 mm / Cleave Length: 5~16 mm
Cladding Diameter	80~150 μ m
Splicing Mode	100 splice modes
Heating Mode	10 heating modes
Typical Splice Loss	SM: 0.02dB / MM:0.01dB / DS:0.04dB / NZDS: 0.04dB / G.657: 0.02dB(ITU-T Standard)
Return Loss	\geq 60dB
Splicing Time	~7 sec
Estimated Splice Loss	Available
Protection Sleeve Length	20~60 mm
Heating Time	Typical heating time: ~13 sec
Results Storage	More 10.000 results with 2.000 picture
Tension Test	2.0N
Operating Condition	Operating Altitude: 0~5000m above sea level, 0~95% relative humidity, -10~50° C, Max Wind 15m/s

Storage Condition	0~95% relative humidity, -40~80° C
Display	4.3" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y : more 400 Magnification
Power Supply	6500mAh Li-Battery , 15V DC adaptor, DC 10÷15 VDC
No. of Splice / Heating with Battery	Typical more 250 times (Splice+Heat)
Operating Methods	Button
Calibration	Arc calibration by doing ARC Test
Electrode Life	More 5500 arcs
Terminal	USB



Weight and Dimensions



Height: 122 mm
Width: 122 mm
Depth: 130 mm
Weight: ~1.85 kg with battery

Package

VT-42S-DV Fusion Splicer	Item No: VT00001
Li-Battery	Item No: VT00002
High Precision Cleaver	Item No: VT00003
Fiber Stripper	Item No: VT00004
Charger Adapter	Item No: VT00005
Cooling Tray	Item No: VT00006
Cleaning V-Groove tool	Item No: VT00007
User Guide	Item No: VT00008
Cable stripping tool	Item No: VT00009
Carrying Case + Strap	Item No: VT000010
Spare electrodes	Item No: VT000011 (option)
Alcohol bottle	Item No: VT000012 (option)
Cable Stripper ND-800	Item No: VT000013 (option)



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