Revolutionary End-View Fusion Splicer

VIEW555

Designed specifically for fibers with complex internal structures

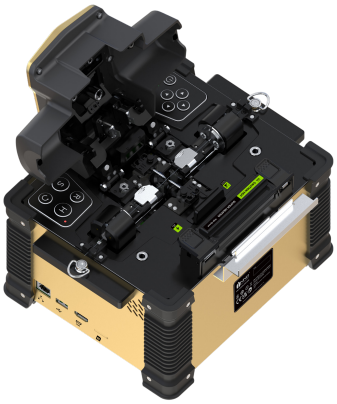
Dual-mirror system — Simultaneously observe both fiber end faces

- Compact, lightweight, and portable
- High-precision rotational alignment
- Adjustable front and rear LED lights provide clearer fiber images
- Dual-mirror system - Simultaneous observation of two fiber end faces
- Overlaying two fiber optic images to achieve precise alignment



Version: 1.0

Product Overview





Description: The VIEW555 adopts an end-view system, designed specifically for splicing fibers with complex internal structures.
Technology: Our composite image technology overlays the two end-view fiber images into a single frame, enabling users to verify alignment and fine-tune according to their exact requirements.
Versatility: The VIEW555 can also be used for splicing in traditional side-view mode.

Technical Specifications & Product Appearance

Item	Content
Model	VIEW555
Fibers with complex internal structures	Applicable
Applicable Fiber Modes	SM, MM, DS, NZDS, High-Index, EDF, LDF, PMF, MCF
Dual-mirror system (Simultaneous view of both ends)	Supported
End-face Imaging	Supported
Cladding Diameter	80 μm to 500 μm
VPM (View Pro Manager) GPS System	Supported
Coating Diameter	160~1300 μm (in fiber holder); 160~900 μm (coating clamp splicing)
Fiber Cleave Length	3~4mm (coating clamp splicing); 8~10mm (cladding clamp splicing)
Typical Splice Loss	SM (ITU-T G652): 0.01 dB
Typical Extinction Ratio	PANDA: 40 dB (Angle offset: 0.6 degrees)
Return Loss	> 60 dB
Typical Splice Time	15 seconds (SM, cladding clamp splicing); 50 seconds (PANDA, cladding clamp splicing)
Tension Strength	1.96 N (+0% to +20%)
Applicable Sleeve Length	10 ~ 60 mm
Typical Heating Time	18 seconds (5922: 40mm sleeve)
Number of Splice Programs	Max 400
Number of Heater Programs	Max 200
Display	7-inch wide color LCD with touch panel 1024*600
Fiber Image Magnification on LCD	800X, 480X or 556X (Side view); 64X (End view)
Splice Data Storage	Max 2000 records, including 7 images before and after splicing
Data Output	USB ver. 3.0 type C: 1 port USB ver. 3.0 TYPE- C: 1 port，HDMI：1port
Battery Capacity	Typically 60 splice/heat cycles
Power Supply	AC Input 100 to 240V (50/60 Hz) TYPE-C
Rotation Accuracy	At least 0.6°
Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 60°C
Humidity	0 to 90% (non-condensing)
Dimensions	247 W x 200 D x 181H mm
Weight	TBD









Note: Specifications subject to change without prior notice.

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