

Fiber Fusion Splicer & Cleaver

1. STXH-S-27LDF Specialty Fiber Fusion Splicer

FEATURES

- Applicable to cladding diameter 125~400μm fibers
- Accurate alignment, world standard fusion loss
- 14s splicing time, 24s heating time for 40/60mm tube
- Applicable to different types fibers (SM/MM/DS/NZDS)
- Ruggedized body, waterproof, anti-dust, anti-shock
- Easy to maintenance, easy to replace the electrodes
- USB port for software upgrading, records exporting
- Support 4000/100 groups fusion records/fusion images
- Comply with CE/Rohs international standard



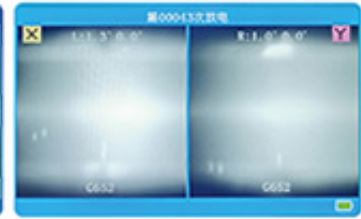
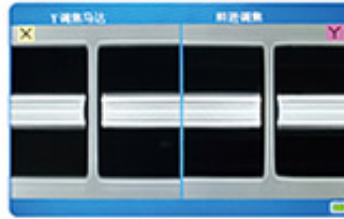
Precise structure design

Accurate fiber alignment, fusion loss reaches international standard.



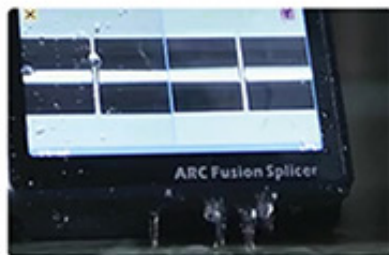
Real time ARC calibration technology

Real time ARC calibration based on fiber types and fiber images, more stable splicing performance.



Waterproof, dustproof and anti-shock

Suitable for various indoor and outdoor environment.



Waterproof

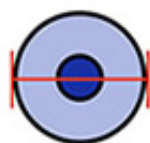


Dustproof

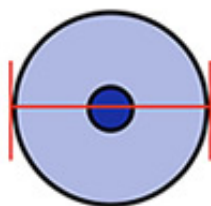


Anti-shock

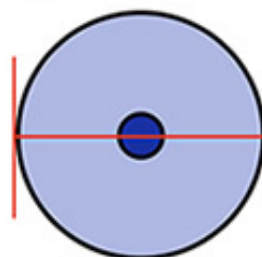
Apply to 125~400um cladding diameter fibers splicing



125um



250um



400um



User friendly engineering design

Proper size suitable for all current using scenarios, easy to operate and maintain.



Model	STXH-S27-250	STXH-S27-400
Alignment method	Clad to clad	
Applicable fiber	SM(G.652) , MM(G.651) , DS(G.653) , NZDS(G.655)	
Cladding diameter	125/250um	400um
Coating diameter	250 ~ 1000µm	
Splicing program	40 groups	
Operation mode	Manual/ Automatic	
Auto-heating	Available	
Typical splice time	14 seconds	
Typical heating time	24 seconds for 60mm/40mm heating tube	
Fiber magnification	X or Y single fiber image 125X , X and Y double image 62.5X	
Viewing display	Dual high sensitivity camera, 5 inch 800*480 LCD Monitor	
Data storage	4000 groups data records and 100 group images	
Loss evaluation	Available	
Tension test	1.8 ~ 2.2N	
Interface	GUI menu interface, easy for operation	
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V	
Electrode life	> 3000 times discharge (125um) , > 1000 times discharge (> 125um)	
Terminals	Micro-USB 2.0 port, for software upgrading, records exporting	
Operating condition	Altitude:0-5000m, Humidity:0-95%, Temperature: -10°C ~ +50°C; Wind: max 15m/s	
Dimension/Weight	155mm (L)×144mm (W)×155mm (H) /2.3kg (including battery)	

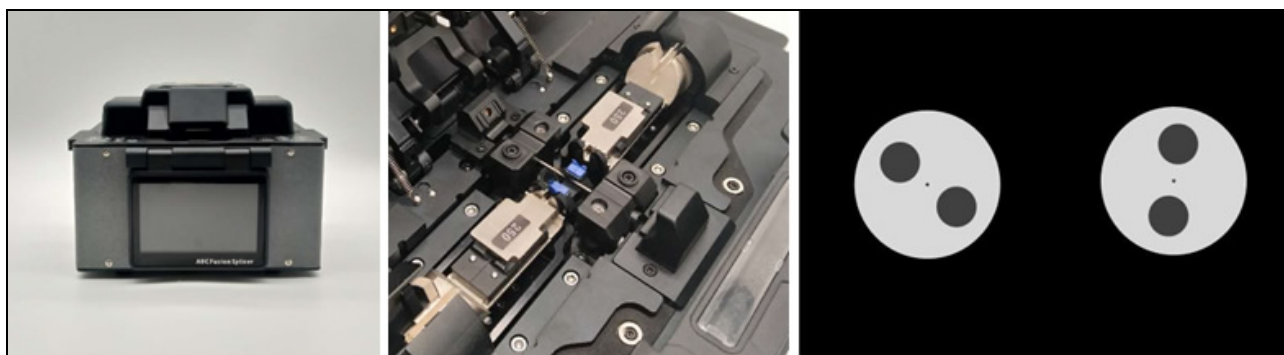
Accessories

								
Fusion splicer	Cooling tray	Spare electrodes	Carrying box	AC Adapter	Power plug	User manual	Strap	Alcohol pump

2. STXH-S-12PM Polarization Maintaining Fiber Fusion Splicer

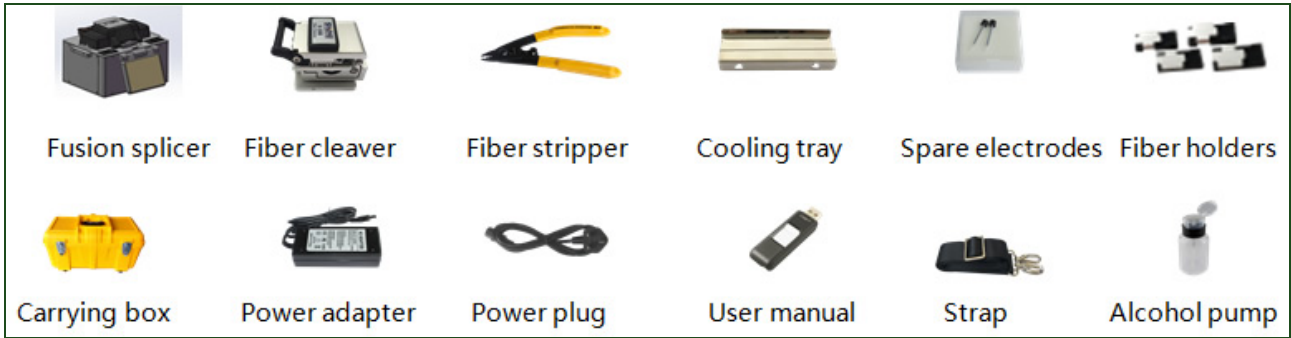
Features

- Core to core alignment, low splicing loss
- End view and Profile observation and alignment
- Arc automatic calibration and splicing
- PM fiber 45 and 90 degree alignment
- Applicable to variety fibers splicing, such as Panda, bow-tie and elliptical fiber



Applicable fiber	MMF(ITU-G651),SMF(ITU-G652), NZDS(ITU-G655),DS(ITU-G653),
PM fiber	Panda fiber and other type PMF
Cladding diameter	80 ~ 150μm
Coating diameter	160 ~ 900μm
Typical splice loss	SMF:0.02dB MMF:0.01dB NZDS,DS:0.03dB,PMF 0.05dB
Extinction ratio	32dB(PANDA)
Cleaved length	10 ~ 16mm (coating diameter < 250um) ; 16mm (coating diameter: 250-1000um)
Alignment method	Profile and End face alignment
Splicing program	40group
Heating program	20group; Automatic heating
Operation mode	Manual/ Automatic
Typical splice time	Unpolarized fiber: 15seconds; PM Fiber:45seconds
Typical heating time	30 seconds for 60mm and 40mm shrinkable sleeves
Fiber Identification	Automatically Identify SMF,MMF,NZDS,DS,PANDA PMF
Fiber magnification	180X (X or Y view), 90X (X and Y view)
Viewing display	Dual high sensitivity camera, 5 inch 800*480 LCD Monitor
Data storage	4000 groups data records
Tension test	1.8 ~ 2.25N
Interface	GUI menu interface, easy for operation
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V
Terminals	USB 2.0 port, for software upgrading, records exporting
Operating condition	0 ~ 40℃ Not frosted
Dimension/Weight	260mm(W)×202mm(D)×170mm(H) /5.1kg

Accessories



3. STXH-LFC100 Large Diameter Cleaver

Applicable to cladding diameter 80µm~600µm

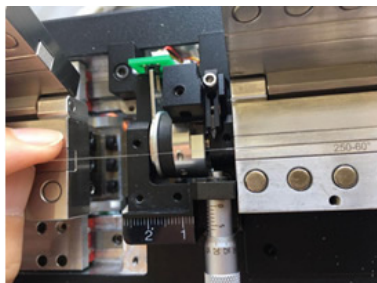
FEATURES

- Applicable to cladding diameter 80µm~600µm fibers
- Fiber coating diameter could reach 1mm
- Sharp and durable blade, lifetime more than 20000 times
- Fiber holder suitable to STXH-S27LDF fusion splice
- Splicing program 6 modes, data storage 4000 groups
- User friendly GUI menu, easy to operate



Specifications

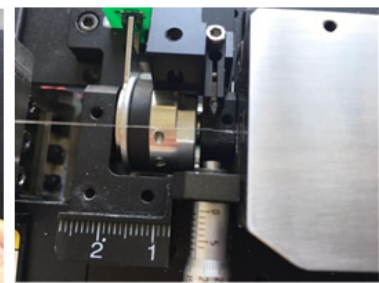
Applicable optical fiber	Glass optical fibers, capillary
Number of fibers	Single
Cladding diameter	80~600µm
Coating diameter	160~3000µm
Fiber clamping	Manual clamping
Cleaving length	5~40mm
Blade life	20 cleaving points, 1000 times per point, typical 20000 fibers (Cladding diameter 125 µm) totally
Number of cleaving mode	100
Monitor	5.0 inches color LCD
Dimensions	270*155*165mm
Weight	4.40kg
Power supply	AC adapter: ADC-19 Input: AC100 to 240 V(50 to 60 Hz) (max.20 W)
Operation condition	0 to 95% RH and -40 to 80°C
Terminal	USB2.0



Put fiber in the fiber holder groove



Clamp the fiber and take up handle



Accurate and stable cleaving

Standard Package

Item	Quantity	Remark
LFC-100 fiber cleaver	1unit	
AC adapter	1pc	

Power cord	1pc	
User manual	1pc	
Carrying box	1pc	
Upper clamp	3pcs	250/400/600
Lower clamp	3pcs	250/400/600
Tools	1set	