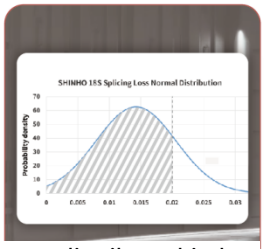
SHINHO
CONNECTING FUTURE



FEATURES

- 4s fast splicing, 8s rapid heating
- Avg. ultra-low splice loss 0.014 dB
- Tool-free electrode replacement
- Special clamps design for loose tube fiber
- Support SOC & removable fiber holders
- Ruggedized design for harsh environment
- Auto-flipping display for comfortable viewing
- Large storage, smart APP connectivity available
- Interlocked windproof cover & clamps
- Automatic open & close heater
- Detachable battery, real-time power monitoring
- High-precision one-step cleaver for superior end face

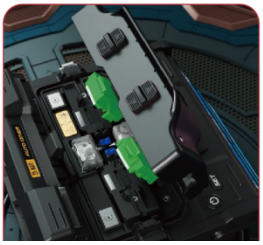
MORE INFO



Loss distributed in low value range with high consistency



Nanoscale alignment, 800x magnification



Windproof cover & clamps interlocked opening design



Auto open & close heater,fast heating, time saving



Tool-free electrode easy replacement



Compatible with SOC & removable fiber holders



Device & data management in smart SHINHO APP



One-step fiber cleaving, flawless fiber end face

SPECIFICATIONS

Model No.	18S	18S Pro
Alignment Method	Active cladding alignment	Core to core alignment
Applicable Fiber	SM, MM, DS, NZDS, BIF etc.	
Cladding Diameter	80 ~ 150μm	
Coating Diameter	160 ~ 3000μm	
Typical Splice Loss	SM: 0.02dB; MM: 0.01dB; DS: 0.04dB; NZDS: 0.04dB; BIF:0.02dB	
Return Loss	> 60 dB	
Cleaved Length	10 ~ 16mm (coating dia. < 250μm); 16mm (coating dia. 250 ~ 1000μm)	
Splicing Time	4s (Fast mode); 6 ~ 7s (Standard mode)	4s (Fast mode); 6 ~ 7s (Standard mode),7 ~ 9s (Auto mode)
Splicing Program	200 modes	
Operation Mode	Manual, Auto	
Heating Time	8 ~ 26s (for 60 mm heat-shrink sleeve)	
Heating Program	100 modes	
Applicable Sleeves	20 mm, 40 mm, 60 mm etc.	
Fiber Magnification	128x for XY vertical dual-view, 256x for X/Y single view & XY horizontal dual-view With maximum magnification up to 512x & 800x	
Display	Dual high-sensitivity cameras, 5.0-inch high-definition color LCD display	
Results Storage	500,000 splice data & 35,000 splice images (8GB SD card included)	
Estimated Splice	Available	
Tension Test	1.96N	
Interface	GUI menu interface, touch screen & button dual operation	
Wireless Comm.	Bluetooth 5.0 LE, IoT module (optional)	
Battery Capacity	Detachable 6800mAh battery, max up to 550 splice & heating cycles	
Power Supply	External adapter, input: AC100 ~ 240V(50/60Hz), output: DC13.5V	
Electrode Life	More than 5000 ARC discharges	
Terminal	USB 2.0 port, for software upgrading, records exporting	
Operating Condition	Altitude: 0~5000m; Humidity: 0 ~ 95%; Temperature: -10°C ~ +50°C; Max wind: 15m/s	
Dimension	153mm (L)×153mm (W)×135mm (H) (including rubber bumper)	
Weight	1.82kg (with battery)	2.05kg (with battery)

PACKAGE

Item	Quantity	Item	Quantity
18S Arc Fusion Splicer	1pc	18S Pro Arc Fusion Splicer	1pc
SC-10 Fiber Cleaver	1pc	SC-10A Fiber Cleaver	1pc
Fiber Stripper	1pc	Fiber Stripper	1pc
Spare Electrodes	1pair	Spare Electrodes	1pair
User Manual(USB Drive)	1pc	User Manual(USB Drive)	1pc
Cleaning Brush	1pc	Cleaning Brush	1pc
Strap	1pc	Strap	1pc
Power Adapter	1pc	Power Adapter	1pc
Power Cord	1pc	Power Cord	1pc
Cooling Tray	1pc	Cooling Tray	1pc
Inspection Report	1pc	Inspection Report	1pc
X-40E Carrying Case	1pc	X-40E Carrying Case	1pc