

## Durability



Waterproof



Dustproof



Anti-shock



Heating Time  
18 sec



LED Injection

# Mini 3S

1.37kg  
(include battery)

123 x 114 x 126 mm



# FIBERFOX MINI 3S

Active Alignment Splicer

1.37 kg	110 cycles	8 sec	0.03 dB
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The Most Complete Active Alignment Splicer  
The Smallest and Most Rugged Core Alignment Splicer  
Core Alignment Fusion Splicer with 6 motors



Full Touch Screen  
- GUI Interface  
- Tempered Glass



3000mAh Battery is included  
- 180 cycles (splicing & heating)



Splice Time : 8 sec  
Electrode Lifespan : 3,500



Splicing Method	Active alignment(4motors)
Average Loss	SM:0.03dB/MM:0.02dB/DS:0.05dB/NZDS:0.05dB/G:657:0.03dB
Return Loss	>>60dB
Splice Time	8s
Electrode Lifespan	3500+ arcs
Applicable Fibers	SM(ITU-T G.652&G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Illumination	Red LED 2 ea, White LED 2ea
Cleaved Length	(coating)/cleave length 5-16mm
Coating Diameter	100-1000um
Cladding Diameter	80um ~ 150um
Heating Programs	Total 32 heating modes, preset 5 heating modes
Heating Time	18s
Protection Sleeve	40mm,60mm,SOC-3.0, SOC-0.9
Data Output	USB 2.0(Mini-B type) Connector for PC Communication
Splice Programs	Total 128 splice modes, preset 11 splice modes
Splice Memory	10,000 records
Battery	3,000mAh / Typical 180 cycles of splice / heating per battery full charge
Power Supply	AC:100 ~ 240V DC:9 ~ 14V
Monitor	4.3 inches monitor
Cameras	2 CCD camera system
Magnification	130X magnification with 3 display modes, 260X partial magnification
Fiber Display	X/Y or XY, single X, Y
Weight	1.35kg(include battery)
Size	123mm x 114mm x 126mm
Wind Protection	The max wind speed 15m/s
Operating Environment	Elevation 0-5,000 meter, -10-50, 0-95%RH relative humidity
Storage Condition	Temperature -20 to 60, 0-95%RH relative humidity, battery -20-40
Pull Test	1.96-2.25N (standard)



Temperature  
-15-60°C



Relative humidity  
0-95%

## Reliability



Elevation  
0-5000meter



The max wind  
speed 15m/s