



TF-FS-0006

# Mini 6S+



## The Smallest and Most Rugged Core Alignment Splicer with 6 motors

- Fast Splicing Time
- 6 sec with singlemode fiber
- 10 sec heating time
- \*6 sec with continuous heating mode
- Comes with 2 Battery Packs
- Full Touch Screen
- SOC Compatible and Includes Thermal Stripper and Precision Cleaver

## Mini 6S+ Specifications

Weight w/o Battery	3.4 lbs
Splicing Method	Core Alignment; Automatic Optical Core Analysis & Tracking (AOCAT) System
Typical Splice Loss	0.02dB(SM)   0.01dB(MM)   0.04dB(DS)   0.04dB(NZDSF)
Splice Time	SM Quick Mode: 6 sec   SM Average: 10 sec
Electrode Lifespan	5,500 splices
Applicable Fibers	SM(G.652/G.657)   MM(G.651)   DS(G.653)   NZDSF(G.655)
Cleave Length	5-16mm
Coating Diameter	0.1-3.0mm
Cladding Diameter	80-150um
Heating Programs	Up to 32 user-configurable modes (10 from factory)
Heating Time	Typical 10 sec (60mm sleeve)   5 sec. (micro sleeve)
Data Output	USB-C
Splice Programs	Up to 90 user-configurable modes (49 from factory)

Splice Memory	10,000 records and 2,000 splice images
Illumination	LED
Battery	5200mAh 11.1V Li-ion Typical Full Charge: 220 Cycles (Splice + Heat) ~0.8lbs
Power Supply	AC 100-240V input DC 12.6V 1.8A
Monitor	4.3" Touch Screen Tempered Glass
Cameras	2 CCD system
Dimensions	124 x 123.2 x 138mm, splicer unit 450 x 290 x 225mm, yellow hard case
Wind Protection	15m/s (~33mph)
Operating Environment	0-95% relative humidity -10 to +20°C 0-5,000m elevation
Storage Conditions	0-95% relative humidity -10 to +40°C
Pull Test	1.96-2.25N

## Characteristics



SOC compatible with all major brands



Fast Heating Time  
10 sec (6 sec with continuous heating mode)

900 $\mu$ m and 250 $\mu$ m fiber holders included



**Industry's First!**

Two Batteries are Included  
- 220 cycles (splicing & heating) with Two Batteries



Thermal Stripper Included



Full Touch Screen  
- GUI Interface  
- Tempered Glass

## Kit Contents

MINI Cleaver 50 Series soft case ~5"x4.5"x3" + mini50GB+ cleaver unit w/ auto bin + quality report + operating instructions + thin 'allen' wrench w/ dimple + thicker hex star 'allen' wrench
(2x) FFLNT-40 battery pack
~4"x3"x2" black box: Detachable Fiber Holder Chucks + (2x) SFH-250 + (2x) SFH-900 + (2x) spare electrodes + magnetic SOC heater block + all-plastic Universal SOC
Adjustable Shoulder Strap
HS-12 (Thermal Stripper) + [inside ~6x2" case] dual-ended bristle + [inside ~6x2" case] clip strap + AS-12 1.0A (power adapter)
3-hole Manual Cable Strippers
USB-C(M) to USB-A(M) data cable
USB-C(M) to USB-A(F) adapter cable
Primary Power + 3GTJG primary power cable (18AWG, 7A, 120V) + ADP-65JH BBFC AC/DC ADAPTER (1.8A)
Car Charger
Phillips head screwdriver
Cooling Tray, 4" metal 'J' piece
Limited Product Warranty Sheet
(100x) 60mm Splice Shrink Protection Sleeves for Single Fibers
Cleaning Kit
Sticklers™ Fiber Optic Splice & Connector Cleaner Fluid
Cleaning Wipes



Yellow hard case