



TF-FS-0012

# Mini 12R+

## The Smallest and the Lightest Ribbon Fiber Fusion Splicer

- Fast Splicing Time
- 15 sec with singlemode fiber
- 20 sec Heating time
- \* 9 sec with continuous heating mode
- Comes with 2 Battery Packs
- Full Touch Screen
- MPO SOC Compatible and Includes Thermal Stripper and Precision Cleaver



## Mini 12R+ Specifications

Weight w/o Battery	3.05 lbs
Splicing Method	Fixed V-Grooves Alignment
Typical Splice Loss	0.05dB(SM)   0.02dB(MM)   0.08dB(DS)   0.08dB(NZDSF)
Splice Time	Typical 15 sec
Electrode Lifespan	3,000 splices
Applicable Fibers	SM(G.652/G.657)   MM(G.651)   DS(G.653)   NZDSF(G.655)
Cleave Length	10-13mm
Coating Diameter	Single: 0.16-3.0mm Ribbon: 0.25-0.4mm
Cladding Diameter	80-150um
Heating Programs	Up to 38 user-configurable modes (6 from factory)
Heating Time	Typical 20 sec
Data Output	Mini USB
Splice Programs	Up to 140 user-configurable modes (40 from factory)

Splice Memory	5,000 records
Illumination	LED
Battery	5200mAh 11.1V Li-ion Typical Full Charge: 150 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



## 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
Detachable Fiber Holder Chucks + (2x) RFH-250 + (2x) RFH-900 + (2x) RFH-12 + (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
Mini USB(M) to USB-A(M) data cable
Mini USB(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
(50x) Ribbon Splice Shrink Protection Sleeves
Cleaning Kit
Sticklers™ Fiber Optic Splice & Connector Cleaner Fluid
Cleaning Wipes
White Spiral Wire Brush
White Bristled Brush
ESD-13 Tweezers w/ cap
Handheld Magnifying Glass w/ Light



Yellow hard case