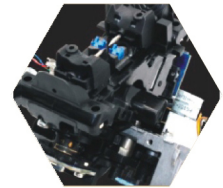


FST-83A



Digital Core Alignment Fusion Splicer

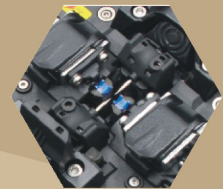
- FTTx Active V-groove Fusion Splicer
- DACAS-Digital Analysis Core Alignment Systems
- 5" high resolution color LCD touch screen, 500X magnification, visible clearly with bare eyes
- Packed with detachable 5200mAh battery, more than 250 times of splicing and heating
- Auto-splicing mode, using friendly design
- German CNC technique and integrated fiber-adjust frame, which make performance much stable
- 3 high-power white LEDs and illuminated keypads simplifies your work at night
- Detachable multifunction fixture, suitable for various fiber type
- Dust-proof, water-proof, high-temperature resistance, adapting to various altitude and harsh environment
- Optical imaging system ranks No. 1 in the world
- Built-in Japanese components and Korean chipset



Integrated fiber-adjust frame



5" touch screen



Detachable multifunction fixture



Fiber endface melter & fusion splicer 2 in 1



ECONOMIC
FUNCTIONAL
CONVENIENT
RELIABLE

FTTx Active V-Groove Digital Core Alignment Fusion Splicer

Splicer Master *FST-83A*

Digital Core Alignment Fusion Splicer

Combining domestic with foreign technologies, Tumtec has been dedicated to providing professional optical fiber solution and become the renowned fusion splicer & fiber cleaver manufacturer for 15 years.



Standard Accessories

Fusion splicer FST-83A*1
Fiber cleaver*1
Battery*1
Power adapter*1
AC power line*1
Back-up electrode*1
Cooling tray*1
Carrying case*1
Carrying strap*1
User manual*1
Splicing test report*1
Fiber stripper*1
Drop cable stripper*1
Alcohol bottle*1

Equipment Parameters

Model	FST-83A
Dimension	136W*160L*148H (excluding rubber bumper) / 140W*165L*148H (including rubber bumper)
Weight	2280G (with battery) / 1900G (without battery)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652& G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25 - 3.0mm/Indoor Cable
Cleaved Length	Diameter: 0.125 - 1 mm/Cleave Length: 8-16mm
Cladding Diameter	80 - 150 μm
Splicing Mode	Pre-set 41 splicing modes, max 100 modes
Heating Mode	Pre-set 5 heating modes (20/30/40/50/60mm), max 100 modes
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04 dB / G.657: 0.02dB (ITU-T Standard)
Return Loss	≥ 60dB
Lighting	3 White LEDs
Splicing Time	Quick mode: 6s
Estimated Splice Loss	Available
Heating Sleeve Length	20 - 60 mm
Heating Time	Quick heating time: 13s, typical heating time: 30s
Results Storage	20000 latest records & 200 images
Tension Test	1.96 - 2.25N
Operating Condition	Operating Altitude: 0 - 5000m above sea level, 0 - 95% relative humidity, -10 ~ 50 °C, Max Wind 15m/s
Storage Condition	0 ~ 95% relative humidity, -40 ~ 80°C
Display	90° bi-directional view, 5.0" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 500X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating with Battery	5200mAh Battery Capacity, Typical 250 times (Splice + Heat)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic arc calibration by air pressure and temperature
Electrode Life	5000 arcs
Terminal	Mini USB 2.0

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