

FSO-4Fx



OPTEQ
INSTRUMENTS

FTTx Core Alignment Fusion Splicer

Auto splice mode manifest user-friendly design

Dust-proof, water-proof, high-temperature resistance, adapting to various altitude and formidable nature conditions

4.3" high resolution color LCD touch screen, 380X magnification, visible clearly with bare eyes

3 high-power white LEDs and illuminated keypads simplifies your work at night

Detachable multifunction fixture, suitable for various fiber type

German CNC technique and integrated fiber-adjust frame, which make performance much stable

Built-in Japanese components and Korean chipset



3s Turn On



6s Fast Splicing



13s Heating



5000 Electrode Life



**Battery Life
200 Splicing Cycle**

**STABLE
INTELLIGENT
ECONOMIC
CONVENIENT**

Priority model for FTTx

Fusion Splicer **FSO-4Fx**

Core Alignment Fusion Splicer

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



Standard Accessories

- Fusion splicer FSO-4Fx
- Fiber cleaver*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	FSO-4Fx
Dimension	130W*155L*125H (excluding rubber bumper)
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 μ m
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: 0.03dB / MM: 0.02dB/ DS: 0.05dB / NZDS: 0.05 dB/ G.657: 0.03dB (ITU-T Standard)
Return Loss	$\geq$ 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 $^{\circ}$ C, Max Wind 15m/s
Storage Condition	0 - 95% relative humidity, -40 ~ 80 $^{\circ}$ C
Display	90 $^{\circ}$ bi-directional view, 4.3" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 380X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating	Typical 200 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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