

X-500 Handheld FTTx Fusion Splicer



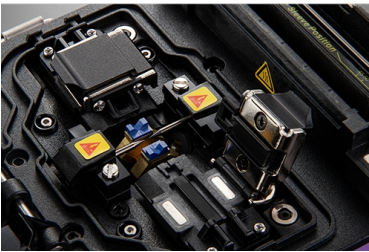
Specially designed for FTTx/FTTH projects

FEATURES

- ※ Small and light, easy to carry
- ※ 4 motors accurate core to core alignment
- ※ 7 seconds splicing & 26 seconds heating
- ※ Automatic & real-time ARC calibration
- ※ Heating temperature and time both adjustable
- ※ Automatic splicing and heating, easy to operate
- ※ Multi-function fiber holder, SOC holder optional
- ※ Suitable for FTTx, FTTH, CATV projects etc.



MORE INFO



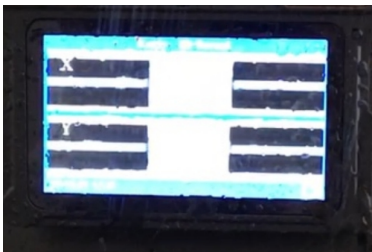
Easy removable holder for SOC
Real-time ARC calibration



Inductive automatic heater
No heating without fiber



Long time working battery
250 cycles splice & heat



Working in rainy environment
(water-proof)



Working in dusty environment
(Dust-proof)



Stable splicing and low splicing
loss

More info
www.xhfiber.com

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X-500 Handheld FTTx Fusion Splicer

SPECIFICATIONS

Alignment method	4 motors core to core alignment
Applicable fiber	SM(G.652) , MM(G.651) , DS(G.653) , NZDS(G.655)
Cladding diameter	80 -150μm
Coating diameter	160–1000μm
Cleaved length	5-16mm (coating diameter < 250um), 16mm (coating diameter:250-1000um)
Typical splice loss	SM: 0.02dB ; MM: 0.01dB ; DS: 0.04dB ; NZDS: 0.04dB
Return loss	> 60dB
Splicing program	40 groups
Operation mode	Manual/ Automatic
Auto- heating	Available
Typical splice time	7 seconds
Typical heating time	26 seconds for 60mm and 40mm shrinkable sleeves
Fiber magnification	250X(X or Y view), 125X(X and Y view)
Viewing display	Dual high sensitivity camera, 4.3 inch 800*480 LCD Monitor
Data storage	4000 groups data records
Loss evaluation	Available
Tension test	1.8 ~ 2.25N
Interface	GUI menu interface, easy for operation
Battery capacity	5200mAh Li-battery, 250 cycles splicing and heating
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V
Electrode life	More than 4000 ARC discharges, easy to replace
Terminals	USB 2.0 port, for software upgrading, records exporting
Operating	Altitude:0-5000m,Humidity:0-95%,Temperature:-10°C ~ +50°C;Wind:max 15m/s
Dimension/Weight	149mm (L)×120mm (W)×127mm (H) /1.90kg (incuding battery)

PACKAGE



Fusion splicer



Fiber cleaver



Fiber stripper



Cooling tray



Spare electrodes



Cleaning brush



Drop cable stripper



Carrying box



Power adapter



Power plug



User manual



Strap



Alcohol pump



SOC fiber holder

(Optional)

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