

X-500 Handheld FTTx Fusion Splicer



Specially Designed for FTTx/FTTH Projects

- ※ Reliable performance, new GPU system, energy saving
- ※ 7 seconds splicing & 26 seconds heating
- ※ Automatic & real-time ARC calibration
- ※ Heating temperature and time both adjustable
- ※ Automatic splicing and heating, easy to operate
- ※ Apply to bare fiber, pigtails, drop cable etc.

Specifications

Applicable Fiber	G651/G652/G653/G655/G657 etc.
Cladding Diameter	80~150μm
Coating Diameter	160~3000μm
Cleaved Length	10-16mm (coating diameter<250μm), 16mm (coating diameter: 250~1000μm)
Typical Splice Loss	G651: 0.01dB; G652: 0.02dB; G653: 0.04dB; G655: 0.04dB; G657: 0.02dB
Return Loss	>60dB
Splicing Program	40 modes
Operation Mode	Manual/Auto
Auto-Heating	Available
Splicing Time	7~12 seconds
Heating Time	20~26 seconds for 40mm and 60mm shrinkable sleeves
Fiber Magnification	320X(X or Y view), 160X(X and Y view)
Viewing Display	Dual high sensitivity camera, 4.3" HD color LCD touch screen
Data Storage	8000 groups fusion records
Loss Evaluation	Available
Tension Test	1.8~2.2N
Interface	GUI menu interface, easy for operation
Battery Capacity	Detachable 5200mAh Li-battery , typical 250 cycles splicing and heating
Power Supply	Adapter, input: AC100~240V(50/60Hz), output: DC11~13.5V
Electrode Life	More than 4000 ARC discharges, easy to replace
Terminal	USB 2.0 port, for software upgrading, records exporting
Operating Condition	Altitude: 0~5000m; Humidity: 0~95%; Temperature: -10°C~+50°C; Max wind: 15m/s
Dimension/Weight	160mm(L)×140mm(W)×135mm(H)(including rubber bumper)/1.97kg(with battery)

Package



Fusion Splicer



Fiber Cleaver



Drop Cable Stripper



Fiber Stripper



Power Plug



Power Adapter



Strap



Spare Electrodes



User Manual



Cooling Tray



Cleaning Brush



Carrying Case

Specifications and descriptions are subject to change without prior notice.