## X-500 Handheld FTTx Fusion Splicer



### Specially designed for FTTx/FTTH projects



- Reliable performance, new GPU system, energy saving
- 7 seconds splicing & 20 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.

### **MORE INFO**

### > 4000 times discharging Automatic ARC calibration



Clear fiber image and fast fiber gapping

# Inductive automatic heater No heating without fiber



Accurate and intelligent alignment

Long time working battery 250 cycles splice & heat



Stable splicing and low splicing loss









# X-500 Handheld FTTx Fusion Splicer

### **SPECIFICATIONS**

Applicable Fiber	G651/G652/G653/G655/G657 etc.
Cladding Diameter	80~150μm
Coating Diameter	160~3000μm
Cleaved Length	$10{\sim}16$ mm ( coating diameter < 250 $\mu$ m), 16mm (coating diameter: 250 $\sim$ 1000 $\mu$ m)
Typical Splice Loss	G651: 0.01dB; G652: 0.02dB; G653: 0.04dB; G655: 0.04dB; G657: 0.02dB
Return Loss	> 60dB
Splicing Program	100 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: $0\sim5000$ m; Humidity: $0\sim95\%$ ; Temperature: $-10^{\circ}$ C $\sim+50^{\circ}$ C; Max wind: $15$ m/s
Dimension/Weight	$160 mm(L) \times 140 mm(W) \times 135 mm(H) (including \ rubber \ bumper) / 1.97 kg (with \ battery)$

### **PACKAGE**

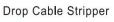


Strap



Fiber Cleaver











Fiber Stripper











