

X-800 Handheld FTTx Fusion Splicer



Specially Designed for FTTx/FTTH Projects

- ※ 6 seconds splicing & 20 seconds heating
- ※ V-groove precise alignment, high quality and low loss
- ※ Automatic & real-time ARC calibration
- ※ 320X magnification with 3 display modes
- ※ Heating temperature and time both adjustable
- ※ Automatic splicing and heating, easy to operate
- ※ Anti-shock, drop-resistant, adapting to harsh environment
- ※ Universal fiber holder, apply to bare fiber, pigtails, drop cable etc.
- ※ Suitable for FTTx, FTTH, CATV, MAN projects 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	6~12 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	165mm(L)×135mm(W)×140mm(H)(including rubber bumper)/2.02kg(with battery)

Package



Specifications and descriptions are subject to change without prior notice.