

# T44

## FTTH Fiber Optic Fusion Splicer



### Product Feature and Function

- Fast-splicing 9S Fast-heating 20s
- Electrode life: 3000 times
- Average Loss under 0.01dB
- 5200mAh Battery Capacity
- Circular Welding 350 times
- Saved 10000 groups Splicing Results.  
100 sets of Images
- 3.5 Inch 800\*480 HD LCD Screen
- 300X(X-axis or Y-axis); 150X(X-axis or Y-axis).
- Combined with the Real Time Discharge Processing for Low Loss Splice
- USB Interface; Convenient for Data Download and Software Update
- Compact, Lightweight & Faster

FEATURE:



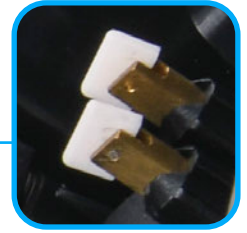
Oven with removable SOC clamps



Integrated Cooling Tray



Fast-splicing 9S  
Fast-heating 20S



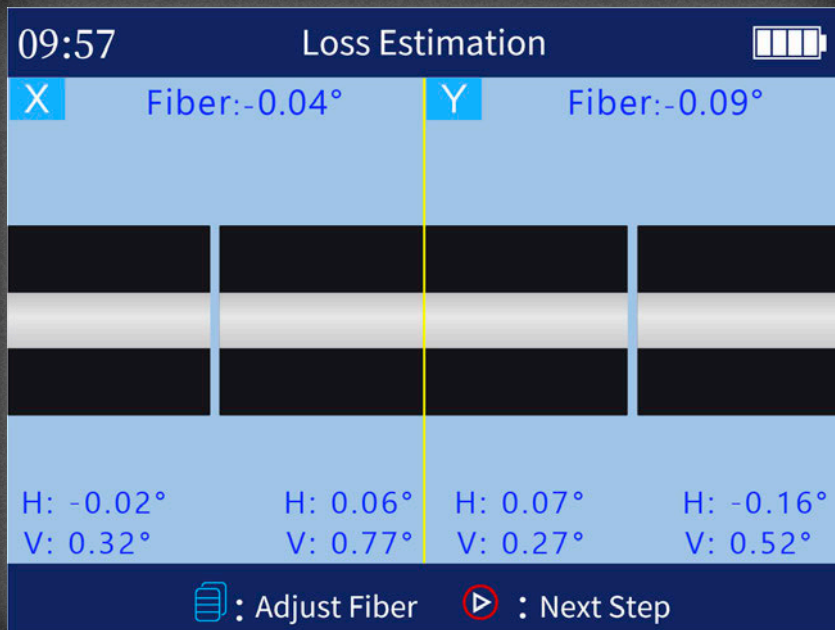
Durable Ceramic Fiber Pressure Heads



Special 3-in-1 Fiber Holder



Ceramic V-groove Design



9S  
Fast-splicing



20S  
Fast-heating



3000 Times  
Electrode Service Life

# All-in-one Fiber Holder



Bare Fiber



0.9mm Pigtail Fiber



3.0mm Jump Fiber



FTTH Flat Fiber

## SPECIFICATION:

Type	T44
Fiber Type	SM(G.652 &G.657)、MM (G.651).DS(G.653)、NZDS (G.655)
Actual Splicing Loss	0.02dB(SM)、0.01dB (MM)0.04dB (DS/NZDS)
Control Technique	Real-time control and correction of welding arc; Self-adaptation within working environment; Self-adaptive electrode oxidation
Return Loss	Better than 60dB
Tube Typical Splicing Time	9S(Standard SM)
Tube Typical Heating Time	20S(Heating time can be set. Heating temperature can be adjusted)
Fiber Aligning Method	Meticulous ; Core ; Clad ; Manual
Fiber Diameter	Clad Diameter is 80 ~ 150μm; Coating100 ~ 1000μm
Cutting Length	Coating layer < 250μm: 8 ~ 16 mm; Coating 250 ~ 1000μm: 16mm
Heat-shrinkable Sleeve	60 mm、40 mm and a series of thermal sleeves
Tension Test	Standard 2N(can choose)
Fiber Clamp	Suitable for Bare fiber, Tail fiber, Jumper wire, Leather wire
Fiber Image Magnification	300X(X-axis or Y-axis); 150X(X-axis or Y-axis)
Display	3.5Inch TFT Color LCD,can be flipped, convenient bidirectional operation
External Port	USB 2.0 interface, convenient for data download, using U disk upgrade software
Splicing Program	100(User Mode) ; 53(Factory Mode)
Heating Program	40 (User Mode) ; 11 (Factory Mode)
Fusion Splicing Record	Saved 10000 groups splicing results.100 sets of latest Images
Internal battery	Lithium battery 12.5V power supply (10.8V storage), independent charger, charging time ≤3.5,heating time no less than 350 times(Typical)
Power Supply	Power supply connector, external adapter (Import AC:AC100~240V,50/60Hz, 0~1.5A, Export DC:DC13.5v/4.8A)
Working environment	Temp:-10~50°C; Hum:0~95%RH Elevation:0~5000M; Resist the maximum wind speed : ≤ 15m/s
High-brightness lights	Convenient for placing the fiber at night
Dimension	122mm×148mm×130mm
Weight	1.44kg (Without Battery).1.77kg (With Battery)

## PACKING LIST:



Fusion Splicer



Fiber Optic Cleaver



3-hole Miller Stripper



Spare Electrode+Power Charger



(Standard Configuration) Carry Bag



(Selective Configuration)  
Multi-function Carry Bag

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