

## **Fiber Optic Fusion Splicer** – TE-8202A-W



### **Fiber Optic Fusion Splicer**

**Item:** TE-8202A-W

### **Description**

The splicing machine is a new fully-digital design with 5" LCD colorful display, provides the latest core to core alignment technology.

#### **High quality fusion splicing**

- Auto/manual/full auto focus functions
- Advanced core to core alignment
- Average splice time: 10 seconds

## Heat shrink protection

- Suitable for 20/40/60mm (0.8/1.6/2.4") tubes
- Average tube-heat time: 30 seconds

## Hi-resolution output

- 5" colorful LCD display
- Separately X or Y axis views with 300 times magnification
- Cutting-edge technology for image processing

Store **6000 groups** of latest splicing results

**USB port** B-type for updates and result transfers

**Removable and Rechargeable LI-Ion battery** with indicator will provide 180 times splicing and heating

**STEP 1**  
**Stripping**  
PVC jacket  
8PK-326

**STEP 2**  
**Cutting**  
Fiber  
FB-1688C

**STEP 3**  
**Cleaning**  
Fiber  
MS-018

**STEP 4**  
**Fusion**  
Splicing  
TE-8202

High quality fusion splicing

Separately X or Y axis views with 300 times magnification

Heating shrink protection

Fusion splicing finish

Model No.	TE-8202A
Applicable Fibers	SM, MM, NZDS, EDF
Average Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF)
Splice Time (sec.)	10 sec. (for SM fiber)
Return Loss	=60dB
Diameter of fiber optic	Cladding diameter:80-150 $\mu$ m , Coating diameter:100-1000 $\mu$ m
Tension Test	2.0N(200gf)(Standard)
Splicing Program	50 groups
Heat Shrinkable Tube	20mm, 40mm, 60mm
Memory Capacity	6000 memories
Battery low indication	4pcs led light indication
Environmental Conditions	-10~+50 $^{\circ}$ C (operation temperature),0~95% RH(humidity), 0~5000m(altitude)
Standard Package	Fusion splicing machine, Fiber cleaver, Fiber stripper, Leak proof dispenser, AC adaptor, Battery(in the machine), Spare electrodes, 60mm Shrinkable tube 25pcs, Cooling tray, Quick reference guide, Carrying case with carrying strap
Power Supply	AC adaptor: 100~240V input voltage, 50/60Hz; 15V, 4A
Standard plug	A type
Battery	12V 5.2AH
Dimensions	5.1 x 5.3 x 5.1 inches
Weight	5.5 lbs (battery included)