

▶ TE-8202A/F Fiber Optic Fusion Splicing Machine Kit

A complete kit contains all of the necessary tools required for optical fusion splicing, in a durable tool case for easy carrying and storage.



• 3 Working Mode

Manual/Semi-Auto/Full Auto

• Core to Core Alignment

• 10 Sec. Splicing Time

Heating Shrink Protection

- Suitable for 20/40/60mm tube
- Average tube-heat time: 30 second

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 Data

of latest splicing results



USB Port B Type

For updates & result transfers

Removable and Rechargeable Li-ion Battery (12V 5.2AH)

TE-8202A/F-W Fiber Optic Fusion Splicing Machine with rigid carrying box

TE-8202A/F Fiber Optic Fusion Splicing Machine Kit

contains fusion splicer, fiber cleaver, fiber stripper, leak proof dispenser in a rigid carrying box to satisfy terminal procedure as below.

STEP 1
Refer to P.180

Stripping
PVC jacket
8PK-326

STEP 2
Refer to P.180

Cutting
Fiber
FB-1688C

STEP 3
Refer to P.228

Cleaning
Fiber
MS-018

STEP 4

Fusion Splicing
TE-8202

Model. No	TE-8202A	TE-8202F
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:80-150μm, Coating diameter:100-1000μm	
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°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	F
Battery	12V 5.2AH	
Dimensions	130(W) x 135(D) x 130(H) mm	
Weight	2480g (battery included)	
Individual packing	Label	