

# SKYCOM Hand-held Fusion Splicer

## T-308X



### Description

- > Fusion splicer is used for joining two optical fibers end-to-end using heat, to fuse the two fibers together in such a way that light passing through the fibers is not scattered or reflected back by the splice, and so that the splice and the region surrounding it are almost as strong as the virgin fiber itself.
- > We has been dedicated to R & D, manufacturing fusion splicer from 2010, and successfully obtained 5 patents for the fusion slicer research. SKYCOM T-308X is our latest developed product. It is more concise and smaller in size and has obtained 2 patents for its new technologies.

### Key Features

- > 4.3 inches high resolution colorful LCD display, image can be turned according to position
- > Typical splice time: 9 seconds
- > Typical heat time: 25 seconds
- > 5200mAh, Ultra-high Battery
- > Multistage Amplification, Magnification up to **520X** Which Makes Clear Image
- > New developed technology providing strong wind and dust resistance
- > Splicing mode: Auto & Manual & Full-Auto
- > USB Port
- > Automatic Detection

## Specification

Applicable Fibers	SM, MM, NZ-DS, EDF, Pigtail, Cable (rubber-insulated wire), SC/LC/FC connector (optional function)
Average Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF)
Return Loss	≥60dB
Tension Test	2.0N(200gf)(Standard)
Typical splicing time	9 seconds
Typical heating time	25 seconds
Splicing Program	50 preset and user programmable modes
Heating Program	10 heating modes
Applicable Sleeve Length	Micro, 40mm, 45mm, 60mm
Tension Test	1.96~2.25N
Cleaved Length	8~16mm-250 μ m 13~mm-900 μ m
Operating Language	Chinese, English, French, Portuguese, Spanish
Operating Conditions	-10~+50°C(operation temperature), 0~95% RH(humidity), 0~5000m(altitude)
Power Supply	AC adaptor: 100~240V input voltage, 50/60Hz; 12V, 5A output voltage(DC) Inner lithium battery: 11.1V, 5.2AH
Monitor	4.3 inches high resolution colorful LCD display
Fiber Image Magnification	X or Y axis Separately views 520 times magnification, or Simultaneously 220 times
Storage of Splice Result	6,000 groups of latest splice results
Splicing Model	Auto & Manual & Full Auto
Optical Fiber Fixture	3-in-1 cutting fixture; Multipurpose 1+N fixture (T-308XF, for SC/LC/FC connector)
Dimensions	120(W)*120(D)*120(H)mm;
Weight	1.39kg+0.34kg (battery weight)=1.73kg;
Applicable Fibers	SM, MM, NZ-DS, EDF, Pigtail, Cable (rubber-insulated wire), SC/LC/FC connector (optional function)
Average Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF)

## Standard Package

No.	Item	1
1	Machine T-308X	1
2	Fiber Cleaver	1
3	Fiber Stripper	1
4	AC Adaptor (Charger)	1
5	Battery	1
6	Spare Electrodes	1
7	Cooling Tray	1
8	Instruction CD	1
9	Quick Reference Guide	1
10	Rubber-insulated wire stripping pliers	1
11	Rubber-insulated wire 3-in-1 cutting fixture	1
12	Carrying Case with Carrying Strap	1

\*Custom-made Professional anti-shock tool kit (case) with sponge inside

\*Export-standard Carton Box with PE Foam inside (43\*32.5\*26.5cm)

\*T-308XF = T-308X + SOC fixture(for SC/LC/FC connector)

## Pictures

T-308X Machine



Package

