

# SKYCOM Hi-Precision Digital Fusion Splicer

## T-208H(Core to Core)



### 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-208H is our latest developed product. It is more concise and smaller in size and has obtained 2 patents for its new technologies.

### Key Features

- > 5 inches high resolution colorful LCD display, image can be turned according to position
- > Average splice time: 9 seconds
- > Average tube-heat time: 30 seconds
- > Lithium battery: Rechargeable and up to 200 times of continuous splice and heat after fully charged
- > X or Y axis **Separately** views with **360** times magnification, or Simultaneously **220** times
- > **Cutting-edge** technology for image processing
- > New developed technology providing strong wind and dust resistance
- > Splicing mode: Auto & Manual & Full-Auto
- > USB Port
- > Storing 6,000 groups of latest splice results
- > New technology of **fiber core alignment**, enhanced accuracy
- > New **3-in-1** cutting fixture for rubber-insulated wire, pigtail & bare fiber (**Patented** technology)
- > New **Multipurpose 1+N** fixture (**Patented** technology)
- \* 1+N: one 3-in-1 fixture ( for rubber-insulated wire, fiber optic pigtail, bare fiber) & optional fixtures ( for SC/LC/FC connector - T-208HF).

### Specification

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Applicable Fibers	SM(ITU-T G.652), MM(ITU-T G.651), NZ-DS(ITU-T G.653), NZDS (ITU-T G.655),EDF, Pigtail, Cable (rubber-insulated wire), others(including G.657 & G.651)	
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	30 seconds	
Splicing Program	50 groups	
Protection Sleeve Length	20mm, 40mm, 60mm	
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: 12V, 5.2AH	
Monitor	5 inches high resolution colorful LCD display	
Fiber Image Magnification	X or Y axis Separately views 360 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-208HF, for SC/LC/FC connector)	
Dimensions	130(W)*135(D)*130(H)mm;	Package size: 53*32*30cm
Weight	1.74kg+0.38kg (battery weight)=2.12kg;	Package G.W.: 6.03 kg

## Standard Accessories

No.	Item	Quantity
1	Machine T-208H	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 (53\*32\*30cm)

\*T-208HF = T-208H + SOC fixture(for SC/LC/FC connector)

# Pictures T-208H Machine



## Package

