

# **SKYCOM Hi-Precision Digital Fusion Splicer**

### T218H-MAX



### 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 T218H-MAX 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: 8 seconds
- > Average tube-heat time: 25 seconds
- > Lithium battery: Rechargable and up to 200 times of continuous splice and heat after fully charged
- > X or Y axis Separately views with 420 times magnification, or Simultaneously 360 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)

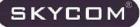
## Specification

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),		
Cladding diameter	80 μm - 150 μm		
Coating diameter	160 μm - 190 μm		
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	8 seconds		
Typical heating time	25 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 420 times magnification, or Simultaneously 360 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 T218H-MAX	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)

### Pictures T-208H Machine





#### Package



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