

iCABLES Hi-Precision Digital Fusion Splicer

iE-207



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 have been dedicated to R & D, manufacturing fusion splicer from 2010, and successfully obtained 5 patents for the fusion slicer research. iCABLES iE-207 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: 25 seconds
 - > Lithium battery: Rechargeable and up to 220 times of continuous splice and heat after fully charged
 - > X or Y axis **Separately** views with **400** 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).

iEngineering Australia Pty. Ltd

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Specification

Model	iE-207	
Applicable Fibers	G.651, G.652, G.653, G.655, G.657	
Average Splice Loss	G.652:0.02dB, G.651:0.01dB, G.655:0.04dB	
Return Loss	≥60dB	
Tension Test	1.96~2.25N	
Cladding Diameter	100-150um	
Coating Diameter	100-1000um	
Applicable cable	FTTH Drop Cable	
Cleave Length	9-16mm(φ0.25mm) , 10-16mm(φ0.9mm)	
Typical splicing time	Typical 9 sec; Fast mode:8 sec Accurate mode:13 sec	
Typical heating time	25 seconds	
Splicing Program	50 groups	
Heating Program	10 groups	
Protection Sleeve Length	20mm, 40mm, 60mm	
Operating Language	English, French, Chinese (Simplified) , Chinese Traditional, Indonesian, Portuguese, Spanish, Italian, Russian, Turkish	
Operating Conditions	-20~+50°C (operation temperature), ≤90% RH (humidity), 0~5000m(altitude) ≤ 15m/s (Windproof capability)	
Power Supply	AC input	AC adaptor: 100~240V input voltage, 50/60Hz;
	DC input	12V, 5A output voltage (DC)
	Battery	Inner lithium battery: 11.1V, 5.2Ah, 52.75Wh
Monitor	5" TFT color LCD high resolution display	
Fiber Image Magnification	X or Y axis Separately views 400 times magnification, or Simultaneously 200 times	
Estimated Splice Loss	Available	
Cleaving angle detection	Available	
Automatic setting	camera	Available
	Forward motor	Available
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 (Optional for SC/LC/FC connector)	
Dimensions	130(W)*135(D)*130(H)mm; Package size:53*32*30cm	
Weight	2.1kg without battery /2.5kg with battery	

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Standard Accessories

No.	Item	Quantity
1	Machine iE-207	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

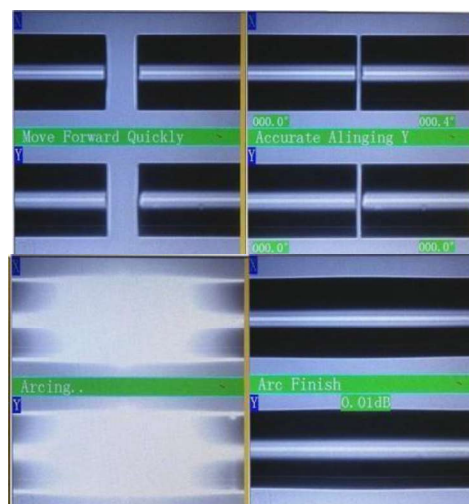
*Custom-made Professional anti-shock tool kit (case) with sponge inside

*Export-standard Carton Box with PE Foam inside (53*32*30cm)

*Optional : SOC fixture (for SC/LC/FC connector)

Pictures

iE-207 Machine



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Package



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