



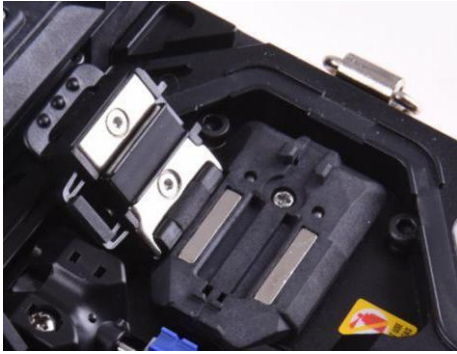
iCABLES Next-Generation Fiber Fusion Splicer

iE-307 Series

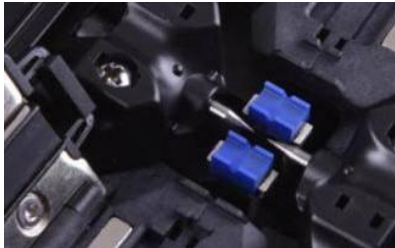
iCABLES is proud to present the T-307 series of Optical Fiber Fusion Splicer, which incorporate key performance features expected in an advanced next generation fusion splicer:

- High Speed Splicing and Heating,
- 8 seconds Rapidly Splicing, 25 seconds Quick Heating Greater Accuracy
- Digital Imaging and Vision Processing Metrology Ensure Great Accuracy
- New Developed Technology for Smaller Size and Convenient Multipurpose Clamps





3-in-1 Universal Holder



Applicable Cleaved Length up to 5mm



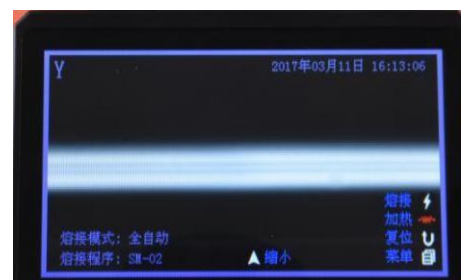
15 seconds Speedy Heating



5200mAh, Ultra-high Battery



Automatic Detection



Multistage Amplification, Magnification up to 520X Which Makes Clear Image

Specifications:

Optical Fiber Fixture	3-in-1 cutting fixture; Multipurpose 1+N fixture (for SC/LC/FC connector)	
Terminal	USB for Memorizing and Updating, Mini-USB	
Dimensions	120(W)*120(D)*130(H)mm, Package:43*32.5*26.5cm	
Weight	1.22kg (without battery) /1.47kg with battery	
Model	icables iE-307	
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	
Cladding Diameter	100-150um	
Coating Diameter	100-1000um	
Applicable cable	FTTH Drop Cable	
Cleave Length	9-16mm(φ0.25mm) ,10-16mm(φ0.9mm)	
Quick splicing time	Typical: 9 sec; Fast mode:8 sec Accurate mode:12 sec	
Quick heating time	25 seconds	
Splicing Program	50 groups	
Heating Program	10 groups	
Protection Sleeve Length	40mm, 45mm, 60mm	
Operating Language	English, Korean, French, Chinese, Indonesian, Italian, Portuguese, Spanish, Russian	
Operating Conditions	-20~+50°C(operation temperature), ≤90% RH(humidity), 0~5000m(altitude) ≤ 15m/s (Wind proof 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, Up to 180 times splice and heat
Monitor	Dual cameras, 90° bi-directional view ,4.3" TFT color LCD high resolution LCD display	
Fiber Image Magnification	X or Y Separately 400 times or Simultaneously 200 times	
Estimated Splice Loss	Available	
Cleaving angle detection	Available	
Automatic setting	camera Forward motor	Available
Tension Test	1.96~2.25N	
Storage of Splice Result	6,000 groups of latest splice results	
Splicing Model	Auto & Manual & Full Auto & Stepping	

Standard Accessories

No.	Item	Quantity
1	Machine iE-307	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

iEngineering Australia Pty. Ltd

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