



PRODUCT DATA SHEET

Optical Fiber Fusion Splicer

Description:

The Nitrotel NTFFSM-820 optical fiber fusion splicer is a high-performance and advanced fiber optic connectivity device designed specifically for the field of fiber optic communication. Equipped with 4 motors, it employs the latest optical technology and automated control systems to achieve fast and precise fiber fusion, providing reliable and efficient solutions for the construction and maintenance of fiber optic communication networks.







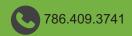
















Specification:

Fiber Type:	SM (G.652 / G.657), MM (G.651), DS (G.653), NZDS (G.655), EDF, BIF / UBIF		
Applicable Core:	Single core		
Splice Time:	9 seconds (Typical Mode)		
	7 seconds (Fast Mode)		
Alignment:	Core alignment		
	Clad alignment		
Loss:	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)		
Heating Time:	2.0mm tube (10 - 15 seconds adjustable)		
	4.0mm tube (14 - 19 seconds adjustable)		
	6.0mm tube (17 - 23 seconds adjustable)		
Magnification Times	X/Y: 200 times		
	X or Y: 400 times		
Applicable Fiber Diameter	Cladding 100 - 150um		
•	Coating 100 - 1,000um		
Splicing Mode	Prestore: 8 groups		
	Customized: 792 groups		
Result and Image Storage	10,000 groups		
Return Loss	Better than 60dB		
Splicing Loss Estimation	Exist		
Power Supply	Input: 100 - 220V ± 10%, 1.4A, 50/60Hz		
,	Output: 13.5V / 5A		
Battery	11.1V lithium battery, 5200mAh		
	Typically splicing/heating 230 times		
	Charging time 3 hours, 500 times rechargeable		
Tension Test	≥ 2N (Optional)		
Display	5 inches TFT true color HD LCD screen, support multi-language selection		
Boot Time	2 seconds		
Operation Environment	Altitude: 0 - 5,000 meters		
	Relative humidity: 0 - 95% (No condensation)		
	Temperature: -20°C - 55°C		
	Maximum wind speed: 15m/s		
Storage Conditions	Relative humidity 0 - 95% (No condensation)		
	Temperature: -40°C - 80°C		
Corrosiveness Resistance	The main device, components and their materials meet the requirements of		
	GB/T 2423.54-2005 and are not vulnerable to the corrosiveness of fluid		
	pollution		
Applicable Sleeve Diameter	2.0mm, 3.0mm, 4.0mm, 6.0mm		
Applicable Sleeve Length	60mm, 50mm, 45mm, 40mm, 25mm, 20mm		
Heating Temperature	10 - 260℃ (Customizable)		
Automatic Heating	Auto fiber recognition and heating after covered		
USB Port	USB 2.0		
Illumination	LED double white light		
Weight:	1.19 kg (without battery)		
	1.53 kg (with battery)		
Dimension:	146*131*152mm (D*W*H)		



















Product Information:



















Standard Package:

Fusion Splicer	Edding!	Cleaver	
Plastic Tweezer		Battery	BATTEN PROCE THE TOTAL PROCESS INCOME OF TH
Carrying Case		3-holes Stripper	6
Drop Cable Stripper		Multi-function Fiber Holder	
Power Adapter		AC Power Cable	
Alcohol Bottle		Cooling Tray	
Dust-blowing Ball		Electrode	















