

RT-81

OPTICAL FUSION SPLICER



Features

- 8s Fast Splicing
- 9s Fast Heating
- 5 inch touch screen
- Linux System
- Full Automatically Operation
- 2 Mega Camera System
- Dust and Water Proof



RT-81 FUSION SPLICER

SPECIFICATION

Applicable Optical Fiber Types	SM (G.625/G.657), MM(G.653), NZDS(G.655), EDF, UI, BUI
Applicable Fiber Core Number	Single Core
Motor Number	6 Motors
Alignment	Core Alignment, Cladding Alignment, Fine Alignment, Manual
Applicable Fiber diameter	Cladding dia.125-150um, Coating dia.250-1000um
Splice Mode	Pre-defined: 15, User-defined: 100
Splice Function	Automatic, Semi-automatic and Manual
Average Fusion Splice Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZ-DS)
Return Loss	Better than 60dB
Splice Loss Estimation	Yes
Display	5 inch LCD Touch Screen
Optical Fiber Magnification Time	X/Y 210 times, X or Y 320 times
OS	Linux
Power Supply	Input: 100VAC to 240VAC, Output: 13.5V/5A
Battery	6800mAH Lithium Battery, Typical 300 splicing and heating cycles
Power Saving Function	Automatic Standby, Automatic Shutdown, Manual
Splice Results Storage	100,000 sets of Splice Record
Image Storage	10,000 Images
Electrodes Life	≤ 6000
Data Interface	USB 2.0 support splice data export and software upgrades
Operation Environment	Environment: 0-5000m, Relative Humidity: 0-95%, Temp: -20~50 °C , Max Wind Speed: 15m/s
Storage Environment	Relative Humidity: 0-95%, Temp: -30~60°C
Weight	1.43kg (without battery)
Size	166D x 144W x 158H(mm)
Sleeve diamention	2mm, 3mm, 4mm, 6mm
Sleeve Length	25mm, 40mm, 45mm, 60mm or User Programmable
Heating Temp	10~260°C
Sleeve Auto-Heat	Automatically start when heating cover closed
Night Work Lighting	LED Double Lights
Removable Battery	Yes
Tension Test	> 2N
One-touch ARC Correction	Yes
Battery Safety Protection	Yes
GPS Location Function	Optional
Password Control Function	Optional