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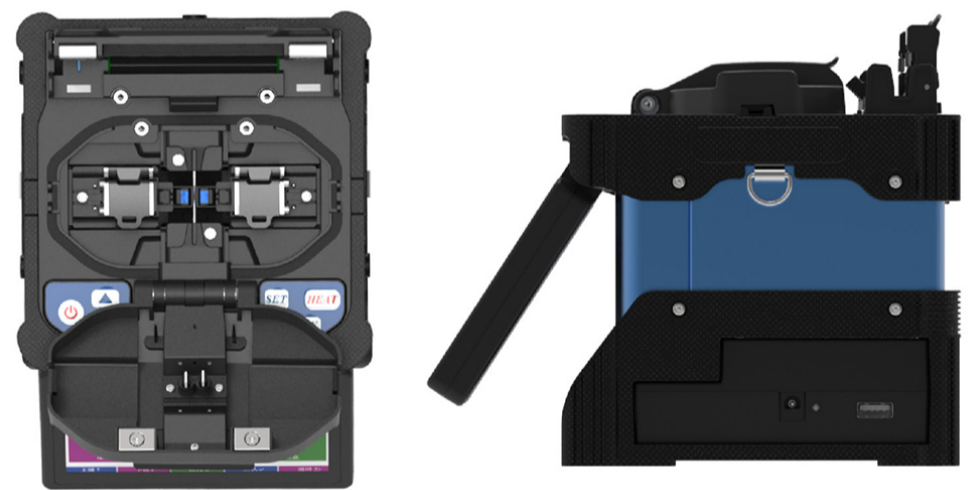
DINTEK DTF-03 Optical Fusion Splicer (6 Motor)

Utilizing the latest in fiber optic technology, DINTEK's DTF-03 Optical Fusion Splicer is designed for rugged in the field use including rubber bumpers for splicer and screen protection. The DINTEK Optical Fusion Splicer is a mini-type fusion splicing machine utilizing the latest in fiber adjustment and splicing technology.

It adopts an advanced PAS fiber adjustment technology, making use of six motor drives. Used for single and multimode fibers of all types, the DINTEK Optical Fusion Splicer provides one of the world's fastest splicing and heating times.

Features

- 6s fast fusion splicing, 15s highly efficient heating
- 5inch digital high-quality touch LCD screen
- USB interfaces for automatic software upgrade
- Small and light, easy to carry
- Water-resistant, dust-resistant and shock-resistant in design
- 3 in 1 fixture: for bare optical fiber, jumper wire, covered wire
- Six motor autofocus
- Industrial quad-core CPU
- Optical fiber alignment: precise, core and cladding alignment
- 9000mAh battery



Ordering Information

Product Number	Product Name	Std Pkg Qty
6106-09003	DINTEK DTF-03 Optical Fusion Splicer (6 Drive Motor)	1

Technical Properties

Physical Specifications

Size / Weight	144mm * 142mm * 151mm / 2Kg
Storage Environment	Humidity: 0-95% , Temperature:- 20~50°C , Battery storage: -20-30°C
Operating Environment	Altitude: 0~5000m, wind speed:15m/s , Splicing time 6s temperature:-10~+50°C, humidity:0~95%RH
Power Supply	Input AC 100-240V (50-60Hz) , output DC10~13.5V
Battery	9000mAh, 300 cycles splicing and heating
Data Interface	USB interface
Monitor	5 inch digital high-quality touch LCD screen
Resistance	Dust / shock / water
Electrode lifetime	3000~5000 counts (Recommended)

Other Specifications

CPU	Industrial grade dual 4 core CPU
Tensile testing	1.96 ~ 2.25N
Fiber alignment	Core/cladding alignment/auto-focus
Applicable Fibers	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), BIF/UBIF(G.657)
Fiber diameter	Cladding diameter: 80~150µm/Coating diameter: 100µm~3mm
Fiber Cleave Length	5~16mm
Align Mode	6 Motor Auto Focus manual/auto
Welding/heating mode	Preset a variety of welding mode and heating mode, can be customized
Average Splicing Loss	0.02dB (SM), 0.04dB (MM), 0.04dB (DSF), 0.04dB (NZDSF)
Splicing time	6 Seconds
Heating time	15 Seconds
Storage	10,000 groups
Image magnification	380 Times

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