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DINTEK Optical Fusion Splicer (6 Motor)

Utilizing the latest in fiber optic technology, DINTEK's Enhanced 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 splicing | 9s v-groove fast heating
- Detachable battery, 2 hours charging
- PAS fiber core to core alignment technology
- Low loss, typical splicing loss SM ≤ 0.02dB, MM ≤ 0.01dB
- 6 motors, super precision 0.1 μm
- Water, dust, wind resistance
- Titanium alloy body, 5 directions anti-shock bar, connection points reinforced with gel
- Software online upgrade through internet



Standard Package List

- Optical fiber fusion splicer
- Plug in battery and power adapter
- High quality cleaver
- Miller pincers and strippers
- Multi-function jig
- Backup electrode bar
- Plus tweezers, alcohol bottle, air pump bottle etc

Enhanced Speed
6 sec Splicing

Super Fast 9 sec
Heating Time



Ordering Information		
Product Number	Product Name	Std Pkg Qty
6106-09002	DINTEK Optical Fusion Splicer (6 Motor)	1
6106-09001	DINTEK Optical Fusion Splicer (4 Motor)	1

Technical Properties

Physical Specifications

Size/Weight	1660 x 142W x 139H(mm) / 1.93kg (including battery)
Storage Environment	Relative humidity: 0-95%, Temperature: 40°C-80°C (except Battery), Temperature:-10°C-40°C (Battery)
Operating Environment	Elevation: 0~5000m, Relative humidity: 0-95%, Temperature: 20°C-55°C, Maximum wind speed: 15m/s
Power Supply	6800mAh Lithium battery, 13.5V/5A power adapter
Battery	Single battery charge 2 hours, can be recycled 500 times
Data Interface	USB2.0
Monitor	4.3 inches colorized LCD, Support for Chinese and English. Spanish, Russian, French, Portuguese available

Other Specifications

Applicable Optical Fiber Types	SM (Single mode), MM (Multi-mode), DS (Dispersion shift), NZDS (Non zero dispersion shift)
Applicable Optical Fiber Core Number	Single core
Applicable Optical Fiber Diameter	Cladding diameter: 80-150µm, Coating diameter: 100~1000µm
Fusion Splice Model	Prestore: 40 groups, User define: 80 groups
Average Fusion Splice Loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS), 0.04db (BIF/UBIF)
Echo Loss	Better than 60dB
Fusion Splice Duration Time	9sec (typical mode) / 6sec (fast mode)
Tension Test	2N
Optical Fiber Magnification Times	X/Y 175 times; X or Y:340 times
Applicable Optical Fiber Cable Diameter	250µm, 900µm, 2~3mm
Drive Motor Qty	6

General Specifications

Splice Results Storage	10,000 groups of the latest records
Applicable Sleeve Length	60mm, 45mm, 40mm (FP-03)
Heating Time	Cover and automatic heating, v-shaped 9s rapid thermal shrinkage (customizable)
Heating Temperature	180~250°C (customizable)

DINTEK Electronic Limited

台北市中山區中山北路二段96號 嘉新第二大樓五樓N511
 N511, 5F, 2nd Bldg, No. 96, Sec. 2, Zhongshan N. Rd. Zhongshan Dist., Taipei City 10449, Taiwan
 P: +886-2-25223138 E-mail: sales@dintek.com.tw W: www.dintek.com.tw

6106-09002