



### OPTICAL FIBRE SPLICING MACHINE

#### Model: Splice Master – 60S



#### Features:

- ✓ *Core to Core Alignment.*
- ✓ *3s Turn ON time.*
- ✓ *7s Splice Time.*
- ✓ *15s Heating Time.*
- ✓ *500xMagnification.*
- ✓ *It adopts advanced PAS Fiber adjustment technology.*
- ✓ *Industrial-level Quad-core CPU (Mainly 1.4GHz), featuring low power cost and high performances.*
- ✓ *Equipped with 4.3” high-resolution color LCD touch screen for easy operations.*
- ✓ *Shock Resistance and DustResistance.*

*In-built GPS.*

#### Specifications:

| <b>Model</b>                 | <b>Splice Master – 60S</b>   |
|------------------------------|--|
| Alignment Method             | Core to Core alignment   |
| Fiber Cores                  | Single Fiber   |
| Applied Fiber Category       | SM/MM/DS/NZ/NZDS/BI  |
| Diameter of Fiber            | Cladding diameter 50 – 150 μm, Coating Diameter 100 to 1000 μm   |
| Cleave length                | 8-16mm   |
| Splicing Modes               | Multiple Splicing Modes  |
| Typical Splice Loss          | SM:0.02dB, MM:0.01dB, DS:0.04dB, NZ/NZDS:0.04dB, BI:0.02dB   |
| Return Loss                  | ≥ 60dB   |
| Loss Estimation              | Provided   |
| Splice Time                  | 7s   |
| Heating Time                 | Typical Heating time 15s (Adjustable)  |
| Splice Protector             | 10-60 mm   |
| Splice Image Capture         | Max. 300   |
| Splice programs              | Max. 100   |
| Heating programs             | Max. 30  |
| Storage                      | 10000 records  |
| Tension Strength             | 2 N  |
| Port                         | High Speed USB   |
| Display                      | 4.3” high Resolution Color LCD Touch Screen  |
| Fiber View and Magnification | X, Y, X Y, X/Y : Double Click 500 times Magnification  |
| Adaptive Discharge           | Automatic ARC Calibration by air pressure and Temperature.   |
| Electrode Life               | 5000 ARCS  |
| Size                         | 133*144*133 (mm)   |
| Weight                       | 1.5 Kg (With battery 1.8kg)  |
| Battery                      | 4000mAh Li-ion High Capacity battery,<br>More than 240 times splicing and heating full charge within 3 hours |
| Power Supply                 | Input: AC 100-240V, Output: DC 13V   |
| Operating Environments       | Altitude 0 – 5000m, Humidity 0- 95% , Temperature ; -0 to +50 °C Wind velocity up to 15m/s                   |
| Storage Environments         | Humidity 0- 95% Temperature: -20 to +70 °C (battery -10 to +40°C)  |

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