# OPTICAL FIBRE SPLICING MACHINE

## Model: Splice Master F9



## Features:

- ✓ *Core to Core Alignment.*
- ✓ *3s Turn ON time.*
- ✓ *6s Splice Time.*
- ✓ *15s Heating Time.*
- ✓ *320xMagnification.*
- ✓ *It adopts advanced PAS Fiber adjustment technology.*
- ✓ *Industrial-level Quad-core CPU (Mainly 1.4GHz), featuring low power cost and high performances.*
- ✓ *Equipped with high-resolution color LCD touch screen for easy operations.*
- ✓ *Shock Resistance and Dust Resistance.*

## Specifications:

| Model | Splice Master F9 |
|---|---|
| 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 | 6s |
| Heating Time | Typical Heating time 15s (Adjustable) |
| Splice Protector | 10-60 mm |
| Splice Image Capture | Max. 300 |
| Splice programs | Max. 100 |
| Heating programs | Max. 50 |
| Tensile Test | 2.25N |
| Storage | 10000 records |
| Port | High Speed USB |
| Display | 5' high Resolution Color LCD Touch Screen |
| Fiber View and Magnification | X, Y, X \| Y, X/Y: Double Click 320X Magnification |
| Adaptive Discharge | Automatic ARC Calibration by air pressure and Temperature. |
| Electrode Life | 5000 ARCS |
| Size & Weight | 156*155*152 (mm) & 1.8 Kg (With battery) |
| Battery | 5200mAh Li-ion High-Capacity battery, More than 200 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; -10 to +60 °Wind velocity up to 15m/s |
| Storage Environments | Humidity 0- 95% Temperature: -40 to +80 °C (battery -10 to +40°C) |
| Accessories | Fiber Optic Stripper, Cleaver, Cooling Tray, AC/DC Charger and Carrying Case. |