

**RIBBION**  
**OPTICAL FIBRE SPLICING MACHINE**

**Model: Splice Master – 90R**



**Features:**

- ✓ *3s Turn ON time.*
- ✓ *13s Splice Time.*
- ✓ *18s Heating Time.*
- ✓ *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:**

<b>Model</b>	<b>Splice Master-90R</b>
Fiber Cores	Single, Ribbon Fiber
Applied Fiber Category	SM/MM/DS/NZ/NZDS/BI
Clad & Sheath Diameter of Fiber	Single: 125µm/ 160 µm to 3mm by fibre holder system Ribbon: 125 µm/ Ribbon fibre thickness 0.25 to 0.4mm
Cleave length	10mm
Splicing Modes	Multiple Splicing Modes
Typical Splice Loss	SM:0.05dB, MM:0.02dB, DS:0.08dB, NZ/NZDS:0.08dB
Return Loss	≥ 60dB
Loss Estimation	Provided
Splice Time	13s
Heating Time	Typical Heating time 18s (Adjustable)
Splice Protector	10-66 mm
Splice Image Capture	Max. 300
Splice programs	Max. 100
Heating programs	Max. 30
Storage	5000 records
Tension Strength	2.25 N
Port	High Speed USB
Display	4.3' high Resolution Color LCD Touch Screen
Fiber View and Magnification	X/Y (35X Magnification), or both X and Y Simultaneously (90X Magnification)
Adaptive Discharge	Automatic ARC Calibration by air pressure and Temperature.
Electrode Life	2000 ARCS
Size	133*144*133 (mm)
Weight	1.5 Kg (With battery 1.8kg)
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 °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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