

OPTICAL FIBRE SPLICING MACHINE

Model: Splice Master – 80S



Features:

- ✓ *Core to Core Alignment.*
- ✓ *3s Turn ON time.*
- ✓ *6s Splice Time.*
- ✓ *15s Heating Time.*
- ✓ *420xMagnification.*
- ✓ *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-80S
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	4.5' high Resolution Color LCD Touch Screen
Fiber View and Magnification	X, Y, X Y, X/Y: Double Click 420X Magnification
Adaptive Discharge	Automatic ARC Calibration by air pressure and Temperature.
Electrode Life	5000 ARCS
Size & Weight	133*144*133 (mm) & 1.5 Kg (With battery 1.8kg)
Battery	4000mAh 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: -20 to +70 °C (battery -10 to +40°C)
Accessories	Spare Electrode (1set), Fiber Optic Stripper, Cleaver, Cooling Tray, Cable Slitter, AC/DC Charger and Carrying Case.

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