



M9 ARC FUSION SPLICER

Description

M9, a core-alignment splicer with ultra-portable design, is the most efficient fusion splicer in the market. This compact and sophisticated fusion splicer inherits many remarkable functionalities from sister products. M9's 4.3 inch high-resolution color LCD touch screen with user-friendly intuitive GUI(Graphic User Interface) offers large and clear fiber images to users. By double-tapping the screen, users can enlarge / reduce the screen up to 400X and check the optical fiber with clear images. With M9's adjustable strap hanger users can customize their working station. M9 is genuinely world's most efficient hand-held fusion splicer in the telecommunications industry.

Features

- Active V-Groove Clad Alignment Splicing Method
- Core Alignment Splicing Method
- State-of-the-art fast splicing speed of 5.5s
- 4.3" high resolution LCD Touch screen with GUI display
- Double Tapping (Zoom in & out)
- Dual operating mode (Touch screen & button)
- Adjustable Strap hanger

Specifications

Weight : 1.43kg without battery / 1.67kg with battery

Applicable Fibers : SM(ITU-T G.652&G.657) / MM(ITU-T G.651) / DS(ITU-T G.653) / NZDS(ITU-T G.655)

Compatible Fiber/Cable : 0.25~3.0 mm / Indoor Cable

Fiber Count : Single

Fiber Holder : Replaceable (Universal: FH-40, SOC holder: FH-SOC)

Fiber Diameter : Cladding: 80-150µm

Fiber Cleave Length : Diameter: 0.125~1 mm / Cleave Length: 8~16 mm

Splice mode : Max 128 modes

Typical Splice Loss : SM: 0.02dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.02dB (ITU-T Standard)

Return Loss : >>60dB

Lighting : 2 White LEDs

Splicing Time : 12sec, Superfast mode: 5.5sec

Estimated Splice Loss : Available

Heat Oven/Heating Time : Heat Mode: Max 32 modes / typical heating time: 20 sec

Applicable Protection Sleeve Length : 20mm, 30mm, 40mm, 50mm, 60mm

Results Storage : The last 10,000 splice records and splice result images

Tension Test : 1.96~2.25N

Operating Condition : Operating Altitude: 0~5000m above sea level, 0~95% relative humidity, -10~50°C, Max Wind 15m/s

Storage Condition : 0~95% relative humidity, -40~80°C, Battery: -20~ 30 °C

Size/ Color : 125H x 135W x 125D mm (including rubber bumper)

Display : 90° bi-directional view, 4.3" color high resolution display

Fiber View & Magnification : X, Y, XY, X/Y : 400X Magnification

Power Supply : AC Input 100-240V, DC Input 9-14V

No. of splice/Heating with Battery : 3000mAh Battery Capacity, Typical 110 times (Splice+Heat)

Electrode Life : 5500 arcs, can be extended by using an electrode grinder

Terminal : MINI USB

Operation Methods : Button / Touch screen

Automatic Calibration : Automatic arc calibration by air pressure and temperature

Package

	MODEL NO.	QTY.		MODEL NO.	QTY.
FUSION SPLICER	M9	1ea	BATTERY PACK	LBT-3000	2ea
HIGH PRECISION CLEAVER	V7	1ea	POWER CABLE	ACC-25	1ea
FIBER HOLDER	FH-40-01 FH-SOC-R	1set	AC ADAPTER	JS-1618	1ea
SOC HEATER COVER	HTS-SOC-03	1ea	USB CABLE	USB-5P USB-6P	1ea
COOLING TRAY	CG-22	1ea	CARRYING CASE	ICC-50	1ea
ELECTRODE	E-50	1set			