



# M7 ARC FUSION SPLICER

## Description

M7, an active clad-alignment splicer with ultra-portable design, is the most efficient fusion splicer in the market. This small but accurate fusion splicer inherits many remarkable functionalities from sister products. M7'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. Moreover, the adjustable strap hanger make users to customize M7 for their working condition.

## Features

- Active V-Groove Clad Alignment Splicing Method
- Truly Light Weight and Handy Size
- Adjustable Strap Hanger
- Outstanding Magnification and Resolution
- 4.3" Color LCD Touch Screen
- Double Tapping (Zoom in & out) 3-Year Extended Warranty

## Specifications

**Weight :** 1.31kg without battery / 1.56kg 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: 0.03dB / MM: 0.02dB / DS: 0.05dB / NZDS: 0.05dB / G.657: 0.03dB (ITU-T Standard)

**Return Loss :** >>60dB

**Lighting :** 2 White LEDs

**Splicing Time :** 12 sec

**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 :** 124H x 144W x 131D 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	M7	1ea	BATTERY PACK	LBT-3000	1ea
HIGH PRECISION CLEAVER	V7	1ea	POWER CABLE	ACC-25	1ea
FIBER HOLDER	FH-40-01 FH-M-200/250 FH-M-900 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	HCK-K6M-02	1ea
ELECTRODE	E-50	1set			

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