



**BELIEVE
YOUR
EYES.**

○ **Ultra-Portably Designed Active V-Groove Fusion Splicer**

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)

Ver.1.12US

CHARACTERISTICS

M7

Light and perfect structure



touch

DESCRIPTION

M7, an active clad-alignment splicer with ultra-portable design, is the most efficient fusion splicer in the market. This small but powerful 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. By double-tapping the screen, user can Zoom In & Out the image to the outstanding magnification of 400x. Moreover, the adjustable strap hanger make users to customize M7 for their working condition. M7 is genuinely world's most efficient hand-held fusion splicer in the telecommunications industry.



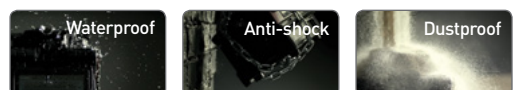
DOUBLE TAPPING

By double-tapping the screen, users can zoom in the fiber image to the industry's highest magnification of 400x. Fiber condition can be easily checked with unaided eyes.

SPECIFICATIONS

Model	M7
Dimension	124H x 144W x 131D (including rubber bumper)
Weight	1.56kg (including battery) / 1.31kg (without battery)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652&T 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
Cleaved Length	10 - 16 mm
Cladding Diameter	80 μ m - 150 μ m
Splicing Mode	Max 100 modes, preset 7 modes
Heating Mode	Max 30 modes, preset 3 modes
Typical Splice Loss	0.03dB(SM) / 0.02dB(MM) / 0.05dB(DS) / 0.05dB(NZDS) / 0.03dB(G.657) Measured by cut-back method relevant to ITU-T standards.
Return Loss	>> 60dB
Lighting	2 White LEDs
Splicing Time	12 sec
Estimated Splice Loss	Available
Heating Sleeve Length	20 mm - 60 mm
Heating Time	Typical 20 sec
Results Storage	Last 10,000 records
Tension Test	1.96~2.25N
Operating Condition	Altitude 0~5000m above sea level, Humidity 0~95%RH, -10~50°C, Wind 15m/s
Storage Condition	Humidity 0~95%RH, -20~60°C, battery -20~30°C
Display	90° bi-directional view, 4.3" Color High Resolution Display
Fiber View & Magnification	300X magnification with 3 display modes, 400X partial 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)
Operating Methods	Button / Touch Screen
Automatic Calibration	Automatic arc calibration by air pressure and temperature
Electrode Life	5500 arcs, can be extended by using an electrode grinder
Terminal	USB Type-C

M7 ARC Fusion Splicer



WEIGHT AND DIMENSIONS

Height
4.88 inches (124mm)
Width
5.66 inches (144mm)
Depth
5.15 inches (131mm)
Weight
3.43 pounds
(1.56kg including battery)



PACKAGE

Fusion Splicer	M7
High Precision Cleaver	V7
Simple Optical Fiber Collector	SC-V7-01
Fiber Holder	FH-250R, FH-250L / FH-900R, FH-900L / FH-SOC
SOC Heater Cover	HTN-SOC
AC Adapter	JS-1618
Cooling Tray	CG-22
Electrodes	E-14
Battery Pack	LBT-3000
Power Cable	ACC-25
USB Cable	CTA-01
User Manual CD	CD
Carrying Case	NBX-M05



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we **DESIGN**

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