



**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)

## 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.

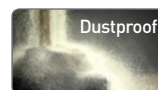
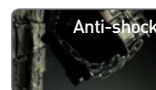
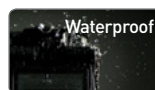


## DOUBLE TAPPING

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 $\mu$ m - 150 $\mu$ 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
Tention 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



## 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
User Manual CD	CD
Carrying Case	NBX-M05



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E-22F, 30, Songdomirae-ro, Yeonsu-gu, Incheon 21990, Republic of Korea  
tel 82-32-837-5600 fax 82-32-837-5601  
Printed in Korea

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