



## FUSION SPLICER

- No reflective mirrors
- 4 motors, clad-alignment, active V-groove
- Multi-directional LED illumination
- Aluminum magnesium alloy shell
- 4.3 inches high resolution display
- Zoom in&out for splice view
- Multi-functional splicing holders
- Hot splice connector accessories
- Dual operating mode(touch screen/button)

INNO  
INSTRUMENT

BELIEVE  
YOUR  
EYES.



Ver.0.02

## CHARACTERISTICS



Electrode of  
Ultra-long life



Super wear-resisting  
Ceramic clamp



Fast heating



Bright LED



Touch screen



Versatile holder



## DESCRIPTION

To make a precise aligning, 4 motors and clad alignment adopted in this fusion splicer can rival the core-alignment. Global first windshield, inbuilt dual-angle LED lightening and high definition 4.3-inch LCD screen are available. You can double touch the screen to zoom in the image, obtaining clearer fiber image and splicing results displayed. Besides, this fusion splicer inherits many merits functionally from INNO' s fusion splicer family such as versatile holders and fast heating.



## Parameters

Model	M7
Dimension	【 L × W × H 】 136mm*114mm*124mm
Weight	Instrument+battery=1.46kg=1.22kg+0.24kg
Number of fiber	Single
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 diameter	0.25mm~3.0mm /Indoor Cable
Cleaved length	Diameter:0.125mm ~ 1mm(coating)/Cleave Length10~16mm
Splicing mode	Preset 7 kinds of splicing mode
Alignment	Clad- alignment (4 motors)
Typical splice loss	SM:0.03dB/MM:0.02dB/DS:0.05dB/NZDS:0.05dB/G.657:0.03dB ( measured by fusion splicing-compensating cutback according to ITU-T standard )
Return loss	>>60dB
Illumination	2 White LEDs
Typical splicing time	12s
Estimated fusion splicing loss	Available
Type of protection sleeve	20mm~60mm
Heating mode/Heating time	Multiple kinds of heating mode set/typical heating time for sleeve:20s
Results storage	10000 latest records saved
Proof test	1.96~2.25N
Operation conditions	Altitude:0 ~ 5000m, relative humidity:0 ~ 95%, temperature: -10 ~50℃, maximum wind speed: 15 m/s
Storage conditions	relative humidity:0 ~ 95%, temperature: -10~40℃
Ways of view and display	90° bi-directional view, 4.3 inches high resolution display
Fiber view&Magnification	320X magnification, 3 kinds of display modes, 460Xpartial magnification
Power supply	AC:100 ~ 240V DC: 9 ~ 14V
No. of Splice in fully charged status	Battery capacity 3000mAh, typical times: 110(splicing and heating)
Operating methods	Touch screen/button
Automatic calibration	Automatic arc calibrationbyair pressure and temperature
Electrode life	5500 times of typical discharge
External connector terminal	MINI-HDMI



## Size and Weight



## STANDARD PACKAGE



- ① Strap
- ② Power cord
- ③ AC adapter
- ④ M7 Fusion splicer
- ⑤ Cable
- ⑥ Fiber cleaver
- ⑦ SOC Heater Cover
- ⑧ SOC Holder
- ⑨ Electrode
- ⑩ Battery pack
- ⑪ Absorption holder
- ⑫ Simple saver
- ⑬ Keys for carrying case
- ⑭ Carrying case

## Accessories

AC adapter	JS-1618
Electrode	FBE-21
Cable	HDMI-15
SOC Heater Cover	F9-SOC
Carrying case	FH9
Power cord	ACC-25
SOC Holder	FH-SOC
Absorption holder	FH-250,FH-900

\* The information on this catalog is subject to change without prior notice.



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we **DESIGN**

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