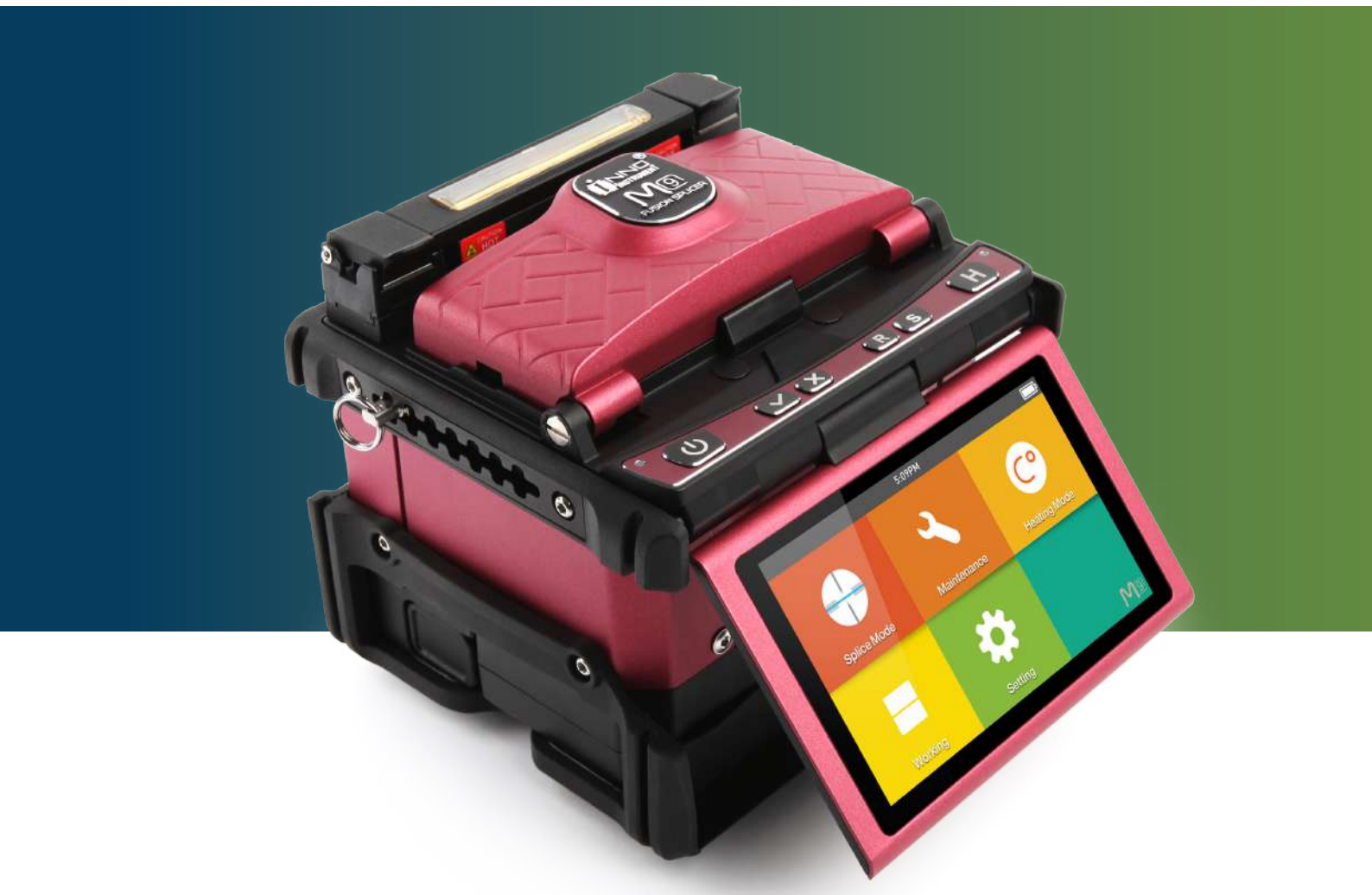
M9

BELIEVE YOUR EYES

M9,
EXTREMELY COMPACT ACTIVE V-GROOVE FUSION SPLICER

- Active V-Groove 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



INNO INSTRUMENT | You dream, we DESIGN

Ver. 1.0

CHARACTERISTICS

M9

Compact, Fast and Perfect

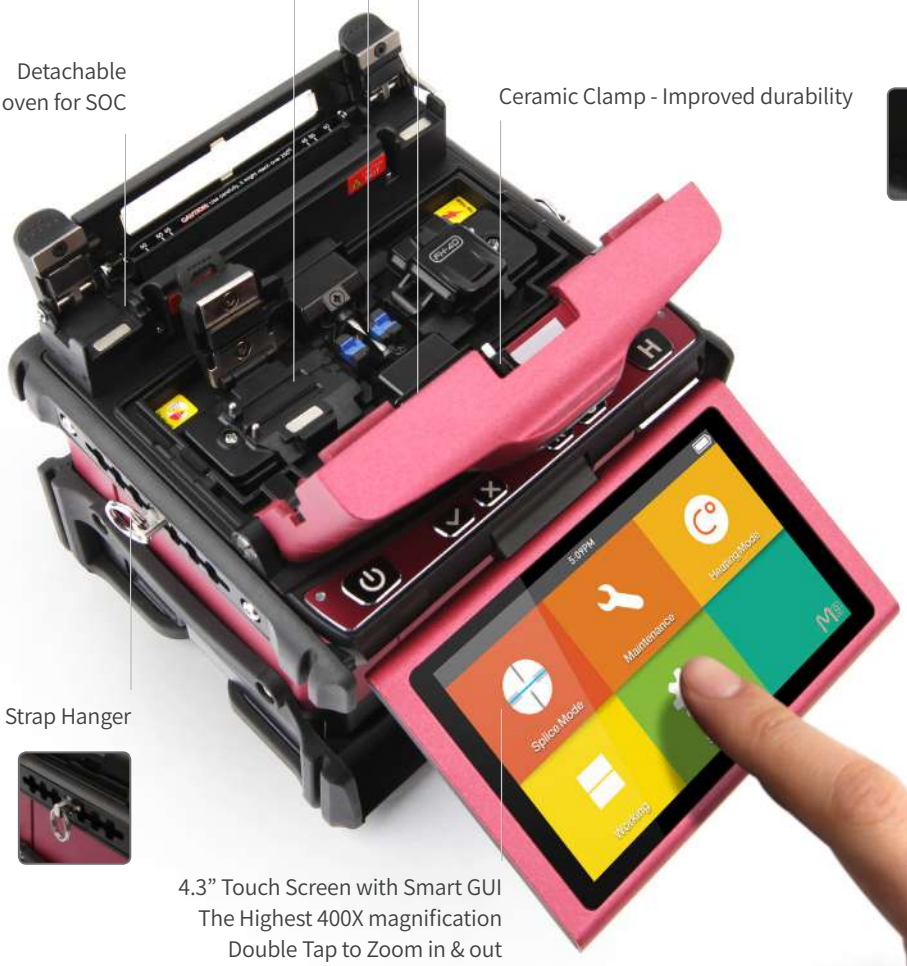
Electrode with long life

Changeable holder for
multi-functional splicing

2 Bright LEDs for dark environment

Detachable
heat oven for SOC

Ceramic Clamp - Improved durability



Adjustable Strap Hanger

4.3” Touch Screen with Smart GUI
The Highest 400X magnification
Double Tap to Zoom in & out

touch

DESCRIPTION

M9, an active 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.

ADVANCED SPLICE

State-of-the-art fast splicing speed of 5.5s is the newest addition feature which makes M9 more superior than previous models.

SPECIFICATIONS

Model	M9
Fiber alignment Mode	Core Alignment
Motor Operation	6 Motors
Dimension	136H x 114W x 125D (including rubber bumper)
Weight	1.67kg (including battery) / 1.43kg (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 µm - 150 µm
Splicing Mode	Max 128 modes, preset 24 modes
Heating Mode	Max 32 modes, preset 7 modes
Typical Splice Loss	0.02dB(SM) / 0.01dB(MM) / 0.04dB(DS) / 0.04dB(NZDS) / 0.02dB(G.657) Measured by cut-back method relevant to ITU-T standards.
Return Loss	>> 60dB
Lighting	2 White LEDs
Splicing Time	Quick mode: 7 sec (Avg.) / SM Auto: 9sec (Avg.)
Estimated Splice Loss	Available
Heating Sleeve Length	20 mm - 60 mm
Heating Time	13 sec (45mm, slim 60mm) , 15 sec (60mm)
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 Humidity
Storage Condition	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	Typical usage: 130 cycles / Power save usage: 200 cycles
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	Mini USB

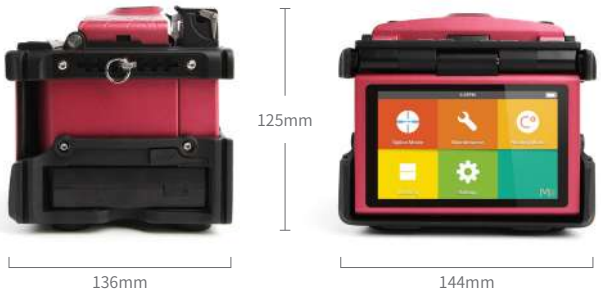
WEIGHT AND DIMENSIONS

Height
4.92 inches (125mm)

Width
5.66 inches (144mm)

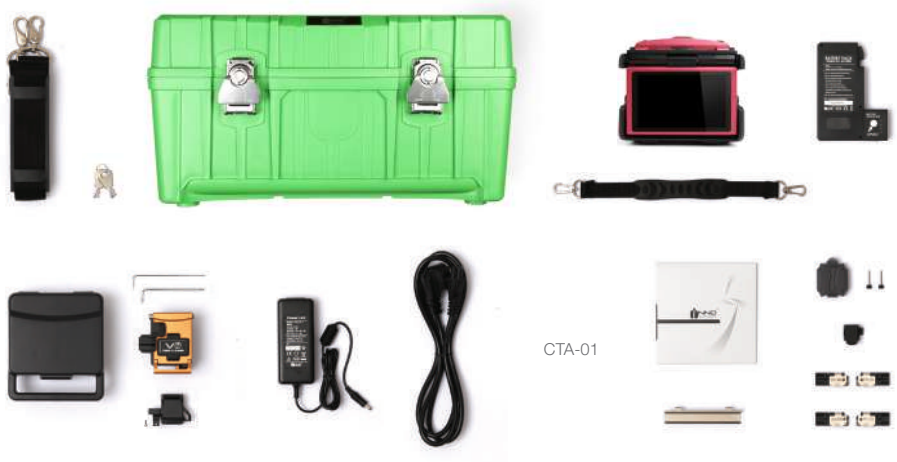
Depth
5.35 inches (136mm)

Weight
3.68 pounds
(1.67kg including battery)



PACKAGE

Fusion Splicer	M9
High Precision Cleaver	V7
Simple Optical Fiber Collector	SC-V7-01
Fiber Holder	FH-200/250S, FH-900S, FH-40
SOC Heater Cover	HTN-SOC
AC Adapter	JS-1618
Cooling Tray	CG-22
Electrodes	E-50
Battery Pack	LBT-3000
Power Cable	ACC-25
USB Cable	CTA-01
User Manual CD	CD
Carrying Case	ICC-50



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

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Printed in Korea

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