M9+

COMPACT CORE ALIGNMENT FUSION SPLICER



Built-in GPS & Wireless Connectivity

Remote Tracking, Management & Support

Compatible with View Pro Manager

INNO INSTRUMENT®

V2.02

M9+

The M9+ is built for the realities of fieldwork - fast-paced, mobile, and demanding. As the most advanced splicer in the M+ Series, it delivers the perfect balance of precision, portability, and reliability for today’s fiber optic professionals.

Designed for core alignment, the M9+ produces consistently accurate splices, helping ensure strong, high-performance connections across every job. Whether you're working on installations, maintenance, or quick repairs, it keeps quality high and downtime low.

Lightweight but durable, the M9+ is made to go wherever the job takes you - up poles, down manholes, or between tight enclosures. It’s simple to use, easy to carry, and tough enough for daily use in the field.

With wireless connectivity, the M9+ connects seamlessly to View Pro Manager, unlocking a suite of smart tools to support your work in the field. Splice data is automatically synced and geo-tagged through the platform, giving you clear job records, real-time visibility, and better traceability across every project - all from one centralized, cloud-based system.

M9+

COMPACT CORE ALIGNMENT FUSION SPLICER

- Ultrafast Splicing & Heating
- Lightweight & Compact Design
- Bright Operation Lightning
- Versatile Fiber Holder
- Rapid Response Time

Electrodes
Optimized for performance & splice quality
Up to 6000 arcs

Fiber Holders
Reliable and compatible with common fiber/cable types

Durable Metal Windproof Cover

Heater
Fast and even heat distribution

Control Buttons

Hand strap
For a secure fit



Touch Screen
Engineered for smooth navigation

USB Type C

Charging Port

Battery
Long-lasting performance

- Splicing Time: **4s**
- Heating Time: **9s**
- Battery Capacity: **4900mAh** up to **220 cycles**

DIMENSIONS



Height: 125mm
Width: 144mm
Depth: 136mm



TECHNICAL SPECIFICATIONS

Items	Specifications
Model	M9+
Alignment Method	Core Alignment
Number of Fibers	Single
Applicable Fibers	SM (G.652 & G.657) / MM (G.651) / DS (G.653) / NZDS (G.655) / CS (G.654) / EDF
Coating Diameter	100µm - 3mm
Cladding Diameter	80 - 150µm
Cleave Length	5 - 16mm
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB / DS: 0.03dB / NZDS: 0.03dB / G.657: 0.02dB
Return Loss	>> 60dB
Splice Time	Quick mode: Avg. 4 sec / SM mode: Avg. 5 sec / Auto mode: Avg. 7 sec
Splice Programs	Max 300 modes
Automatic Calibration	Automatic Arc Calibration by air pressure & temperature
Electrode Life span	6000 Arc Discharges
Heating Programs	Max 100 modes
Heating Time	Quick: 9s / Average: 13s (60mm slim)
Protection Sleeve	20mm - 60mm
Data Output	USB-C, View Pro Manager (IoT & GPS)
Splice Memory	20,000 Splice data / 10,000 Splice image
Battery	Battery Capacity: 4900mAh / Operation Cycle: up to 220 cycles (Splicing + Heating) / USB-C
Power Supply	AC Input 100 - 240V, DC Input 9 - 19V
Monitor	4.3” Color LCD display, Full Touch Screen
Magnification	x320
Size	125Hx144Wx136Dmm
Weight	1.63kg
Pull Test	1.96 - 2.25N

*Splicing Time: Measured from the time of fibers entering the screen until the estimated loss is displayed. Splicing time can vary depending on the calibration status.
*Battery: Measured as 1-minute cycle of splicing and heating. Measured in Power Save mode.

PACKAGE & ACCESSORIES

Product	Type
Cleaver	V2
SOC Holder	FH-SOC-R
SOC Heater Cover	HTS-SOC-07
Cooling Tray	CG-26
Electrodes	E-70
Battery Pack	LBT-5000C
USB Adapter	USB-8P
USB Charging Cable	USB-11P
Thermal Stripper	TS-X
Carrying Case	ICC-61
Shoulder Strap	ST-02

Optional Accessories	Type
Alcohol pump	TK02-AP01
Stripper	TK-MP01
Cigarette Lighter Cable (C-Type)	CJ-13
Heating sleeve (60mm)	PS-60S
Magnetic Detachable Holder	FH-200/250S-1, FH-900S-1

ENVIRONMENTAL CONDITION & TEST

Items	Specifications
Operating Conditions	Altitude: 0 - 5000m Humidity: 0 - 95%, non-dew Temperature: -10 to 50°C Wind: up to 15m/sec
Storage Conditions	Humidity: 0 - 95%, non-dew Temperature: -40 to 80°C
Resistance Tests	Shock Resistance : 76cm for bottom surface drop Exposure to Dust : 0.1 to 500um diameter aluminium silicate Rain Resistance : 10 mm/h for 10 mins

- Water resistance (IPx2)
- Shock resistance (Drop from 76cm)
- Dust resistance (IP5X)

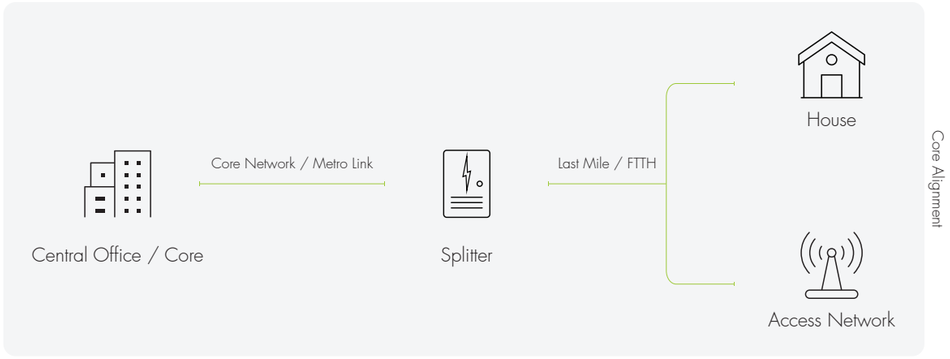
Water Resistance
Shock Resistance
Dust Resistance

INNO Instrument does not accept responsibility for damages arising from misuse of the product.

CORE ALIGNMENT FUSION SPLICER APPLICATIONS

INNO instrument core alignment fusion splicers provide unmatched flexibility across the entire fiber infrastructure, from the central office core networks to the final subscriber termination. Whether installing, expanding or repairing, our core alignment fusion splicers ensure that every splice is fast, accurate and field-ready.

FTTH Environment



Core Network / Metro Links	Delivers low-loss, high-precision splicing for backbone and metro networks. Supports consistent uptime and performance in high-bandwidth, high-density routes.
Feeder Cable / Pre-Splitter Access	Ensures stable splicing across high-fiber-count cables. Ideal for secure, long-term connectivity in closures and distribution points.
Splitter Node / Distribution Cabinet	Enables accurate core alignment for passive splitter applications. Maintains reliable splicing during transitions between feeder and distribution fibers.
Last Mile / FTTH Drops	Provides fast, high-quality splicing for final customer connections. Perfect for quick terminations from street cabinets to premises - including direct-to-home installs.
Field Repairs / Fault Restoration	Built for speed and dependability in emergency splicing scenarios.



Key Field Applications

Last-Mile Termination	Supports splice-on connectors for clean, rapid subscriber drop installation.
Fiber Splice Enclosures	Built for low-loss splicing in high-density metro and access networks.
Cable Fault Repairs	Provides reliable, accurate splicing for fast and durable fault restoration in the field.
Core Network Builds	Delivers ultra-low-loss splicing in long-haul and metro aggregation points.

HARDWARE ADVANTAGES



4 seconds

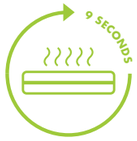
The Fastest Splicing Time

Boost your productivity with splice times as fast as 4 seconds. Perfect for high-volume work where every second counts.



Improved Lighting

Enhanced internal and external lighting ensures clear visibility, even in dark or outdoor environments.



9 seconds

Pressure Heating Technology

With advanced pressure heating, shrink time is cut to just 9 seconds - fast, reliable, and built for efficiency.



Rapid Response Time

A fast, user-friendly touchscreen makes splicing smooth and simple - no fuss, just performance.



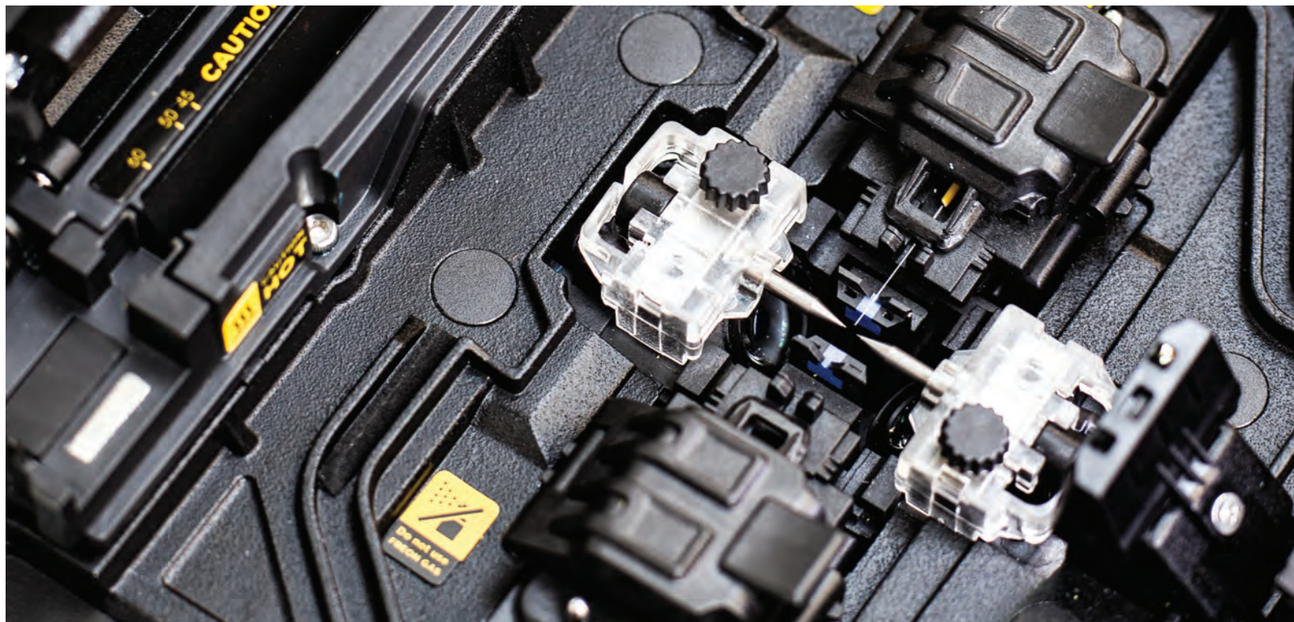
Versatile Fiber Holder

Easily switch between standard and loose-tube fibers with a flexible holder that adapts to your job.



Increased Energy Efficiency

Work longer without interruption. The M9+ maximizes battery performance, allowing more splicing cycles per charge - keeping you powered through the day.



view Pro manager

Smarter Operations, Seamless Connectivity

In today's fast-paced digital landscape, INNO Instrument's View Pro Manager (VPM) delivers the power to manage your fusion splicing operations smarter and faster. This cloud-based platform works seamlessly with our View Pro series, giving you live visibility, remote control, and instant access to critical data - anytime, anywhere.

VPM centralizes your team's workflow with intuitive job and task management, real-time splice data, and automatic splice image, offering detailed results and estimated loss values at a glance. Features like live messaging and service request tools improve communication and enable remote troubleshooting directly from the splicer screen.

Advanced tools such as AI-powered preventive maintenance, geolocation and tracking, and robust anti-theft protection ensure your assets are performing at their highest potential and are always secure.

Combined with supervisor-level access control and powerful reporting and analytics, VPM gives you the clarity to lead and the data to decide.

View Pro Manager isn't just about managing devices - it's about empowering your entire operation with smarter, faster, and safer performance.



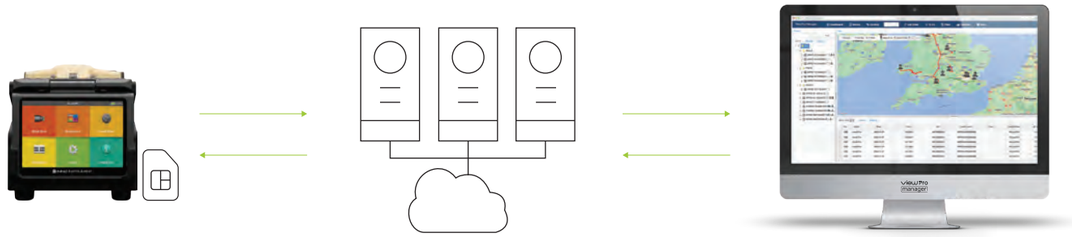
IoT & GPS Modules Embedded

SIM-card Connectivity

Real-Time Control and Data

SCAN QR CODE
To find more about VPM
www.INNOinstrument.com

OUR UNIQUE METHOD



INNO Fusion Splicer
+ SIM & Mobile Network

INNO Cloud Server

View Pro Manager

The VPM solution stands out with its unique connectivity method, relying on mobile networks and GPS. This innovative approach enables automatic data synchronization without the need for user intervention, offering a hassle-free experience.

- No extra accessories required
- No need for WiFi or Hotspot Network
- Instant data transfer and GPS reporting
- No user intervention – Auto connection

View Pro Manager (VPM) is built for everyone - from individuals to large enterprises - offering scalable, intuitive tools that fit any operation. Whether you need real-time splice data, remote support, or advanced analytics, VPM delivers the right features to match your needs and elevate your workflow.

KEY FEATURES

Real-time Splice Data	Access and store detailed splice records and other technical details in real-time.
Splice Image Sync	Auto-sync splice images with cleave angles and loss estimates.
Full Access Control	Manage permissions with supervisor-mode.
Anti-theft Protection	Lock, track, and protect devices with secure remote controls.
Geolocation & Tracking	Monitor current and past device locations.
Job & Task Management	Assign and track tasks with live location sharing for smooth team coordination.
Preventive Maintenance	Get real-time equipment health alerts powered by AI.
Live Messaging	Send direct messages to splicers in the field for better communication.
Service Request	Submit instant diagnostics to INNO support for fast, reliable help.

WORKING TRAY

The Working Tray is built for fiber optic professionals who need a reliable, organized workspace wherever the job takes them. It securely holds your splicer and cleaver, fits seamlessly in the carrying case and lifts out easily - helping you stay organized and ready for the job.

Whether you're on the ground, a rooftop, or up a pole, its durable strap and stable design let you work hands-free with confidence. With smart compartments for your IPA bottle, splice protectors, and essential tools, everything stays within reach and ready. Placed on the case, it transforms into a sturdy mobile worktable - boosting efficiency and convenience in the field.

Field tested by technicians

Reduces set up and pack up time

Keeps your workflow clean, stable and efficient



Presentation only

KEY FEATURES OF INNO WORKING TRAY

Working Tray
Stable, portable platform. Fits in the carry case without disturbing tools

Space for Fiber Strippers
Dedicated slots for strippers - organized and ready to go

Cleaver Mount
Secure cleaver placement



Detachable Container
Removable container for splice protectors, wipes and small tools

IPA Bottle Pocket
Integrated bottle holder

Flat Tray Surface
Doubles as a stable table top

Shoulder strap
Hands-free mobility, perfect for pole and rooftop work

INNO CARRYING CASE

Length: 480mm
Width: 315mm
Height: 205mm





M9+

SCAN QR CODE
Check more about **M9+**



INNO INSTRUMENT

www.INNOinstrument.com

@INNOinstrument

support@innoinstrument.com

Copyright © 2025 INNO Instrument Inc. All rights reserved.