

view12x

SMART IOT RIBBON
FUSION SPLICER



Built-in GPS & Wireless Connectivity
Remote Tracking, Management & Support
Compatible with View Pro Manager



view12x

The View 12X is built to meet the demands of modern ribbon fiber splicing - where precision, performance, and productivity must work in perfect sync. As the most advanced ribbon splicer in the View Series, it combines cutting-edge technology with unmatched usability to tackle the toughest jobs in today's fast-moving fiber optic industry.

Equipped with a fully motorized clamp alignment system, the View 12X ensures highly accurate and dependable splicing of up to 12 fibers at once. With the world's highest magnification for a ribbon splicer - up to 250x - it offers powerful zoom and scrolling capabilities for exceptional visibility and control.

Designed for high-volume operations, it delivers fast splicing and heating cycles, plus an extended battery life of up to 220 splice-and-heat operations per charge. Its range of multiple applicable fiber holders, makes it a versatile tool for a broad range of jobs.

Whether you're building large-scale networks or managing complex fiber configurations, the View 12X delivers the speed and precision professionals rely on.



view12x

RIBBON
FUSION SPLICER



Fast Working
Time



Ultra-High Battery
Capacity



Fiber Placement
Correction Mechanism



5" Color LCD
Touch Screen



Splicing Time
Ribbon: **13s**
Single: **7s**



Heating Time
60mm slim: **15s**
Single rod ribbon sleeve: **20s**



Battery Capacity
9000mAh
up to **220 cycles**

Electrodes
Optimized for performance & splice quality
Up to 3000 arcs

Heater
Fast and even heat distribution

Removable Magnetic Fiber Holders
Reliable and compatible with common
fiber/cable types

Durable Metal
Windproof Cover

Touch Screen
Engineered for smooth navigation

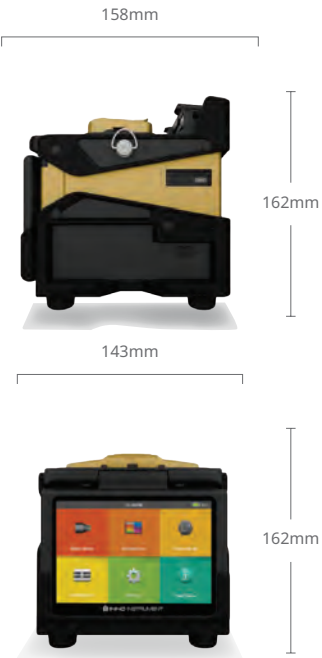
Hand strap
For a secure fit

Control Buttons

Battery
Large Battery Capacity



DIMENSIONS



Height: 162mm
Width: 143mm
Depth: 158mm



TECHNICAL SPECIFICATIONS

Items	Specifications
Model	View 12X
Splicing Method	Ribbon Splicer
Number of fiber	Single, Ribbon
Applicable Fibers	SM(TU-T G.652&T G.657)/MMQTU-T G.651)DS(TU- T G.653)/ NZDS (ITU-T G.655)
Coating Diameter	100µm-3mm
Cladding Diameter	80-150µm
Cleaved Length	10-13mm
Average Loss	SM: 0.05dB / MM: 0.02dB / DS: 0.08dB / NZDS: 0.08dB / G.657: 0.05dB.
Return Loss	>> 60dB
Splicing Time	Ribbon : Avg. 13 sec Single : Avg. 7 sec
Splice Programs	Max 300 modes
Electrode Life span	3000 arcs discharges
Heating Programs	Max 100 modes
Heating Time	15s (60mm slim) 20s (Single rod ribbon sleeve)
Protection Sleeve	20mm-60mm
Data Output	Type C, View Pro Manager (IoT & GPS)
Splice Memory	20,000 Splice data / 20,000 Splice image
Battery*	Battery Capacity: 9000mAh Typical Operation Cycle: up to 220 cycles (Splicing + Heating), Power Save Mode: up to 260 cycles
Power Supply	AC Input 100 - 240V, DC input with USB-C port
Monitor	5" Color LCD display, Full touch screen
Magnification	Up to 250x
Size	143Wx158DX162H with rubber bumper
Weight	2.68kg (including battery)
Pull Test	1.96-2.25N

PACKAGE & ACCESSORIES

Product	Type
Cleaver	V7+
SOC Holder	FH-SOC-R
SOC Heater Cover	HTS-SOC-06
Cooling Tray	CG-26
Electrodes	E-70
Battery Pack	LBT-30C
USB Adapter	USB-8P
USB-C Charging Cable	USB-11P
Carrying Case	ICC-59
Shoulder Strap	ST-02
Thermal Stripper	TS PRO
Thermal Stripper Charger	JS-1500v
V-Groove Cleaning Brush	CB-01, CB-03
MH-250 Holder	MH-250
MH-12 Holder	MH-12

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.

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.

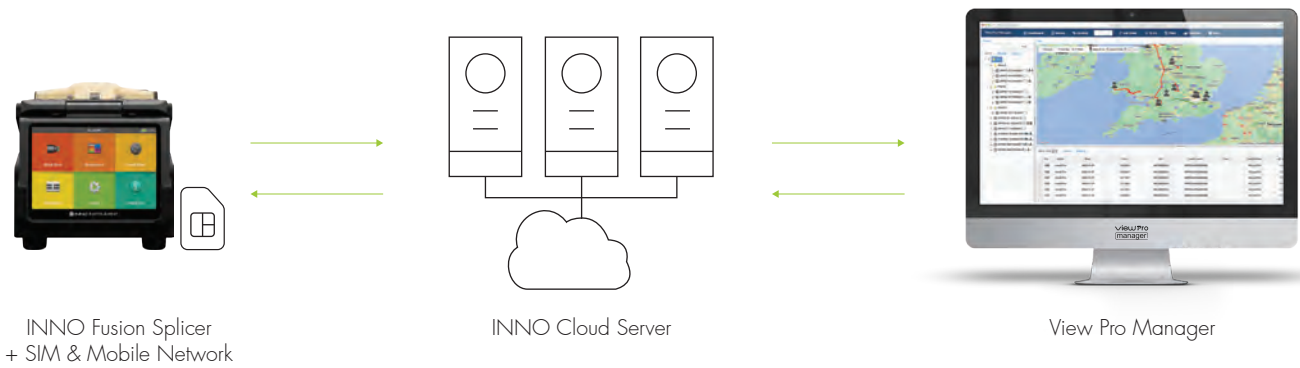


IoT & GPS Modules Embedded
SIM-card Connectivity
Real-Time Control and Data



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

OUR UNIQUE METHOD



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.

view12x



SCAN QR CODE
Check more about **View 12X**



www.INNOinstrument.com

@INNOinstrument

support@innoinstrument.com