view 16X

SMART IOT RIBBON FUSION SPLICER

UP TO 16-FIBER RIBBON



Built-in GPS & Wireless Connectivity

Remote Tracking, Management & Support

Compatible with View Pro Manager

INNO INSTRUMENT®

V1.00

view 16X

The View 16X 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 16X ensures highly accurate and dependable splicing of up to 16 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 16X delivers the speed and precision professionals rely on.

view 16X

RIBBON
FUSION SPLICER

Fast Working
Time

Ultra-High Battery
Capacity

Fiber Placement
Correction Mechanism

5" Color LCD
Touch Screen

Electrodes
Optimized for performance & splice quality
Up to 1500 arcs

Heater
Fast and even heat distribution

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





Hand strap
For a secure fit

Durable Metal
Windproof Cover

Control Buttons

Battery
Large Battery Capacity

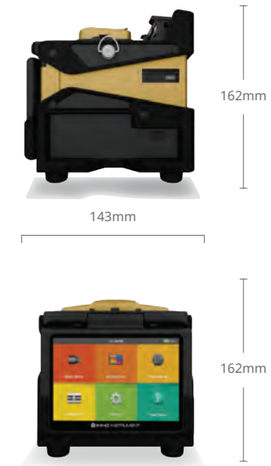
Touch Screen
Engineered for smooth navigation

Splicing Time
Ribbon: **18s**

Heating Time
Single rod ribbon sleeve: **20s**

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

DIMENSIONS



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



TECHNICAL SPECIFICATIONS

Items	Specifications
Model	View 16X
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	125μm
Cleaved Length	10mm
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. 18 sec
Splice Programs	Max 300 modes
Electrode Life span	1500 arcs discharges
Heating Programs	Max 100 modes
Heating Time	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+
Cooling Tray	CG-26
Spare Electrode	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
V-Groove Cleaning Brush	CB-01, CB-03
Fiber Holder	MH-250, MH-16-200
V-Groove Module	VG-16-200
Ribbonizer	RN-X

OPTIONAL ACCESSORIES

Product	Type
Spare Electrode	E-71 (for 250μm pitch 16-fiber ribbon)
Fiber Holder	MH-16-250, MH-12-200, MH-12
Spare V-groove	VG-12-200, VG-12-250, VG-16-250
Alcohol pump	TK02-AP01
Stripper	TK-MP01
Cigarette Lighter Cable	CJ-13
Heating Sleeve (60mm)	PS-60S

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.

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.



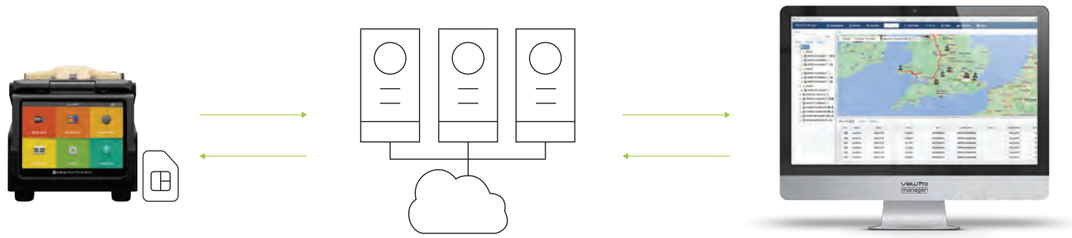
IoT & GPS Modules Embedded

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.

view 16X

SCAN QR CODE
Check more about **View 16X**



INNO INSTRUMENT

www.INNOinstrument.com

@INNOinstrument

ussales@innoinstrument.com

Copyright © 2025 INNO Instrument Inc. All rights reserved.