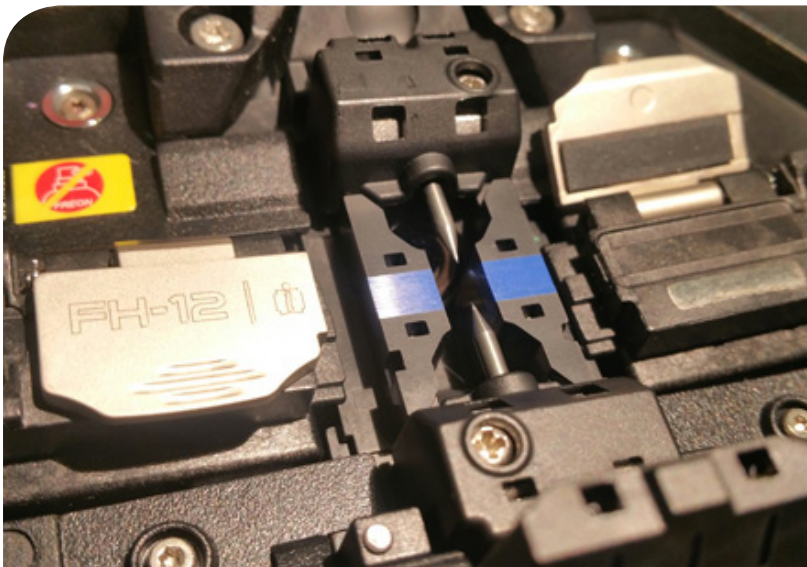


## View 12R Arc Fusion Splicer



View 12R, a ribbon splicer with the fully motorised clamp, cladding alignment system, is the most powerful and state of-the-art ribbon splicer in the market. Its advanced automatic clamp alignment system offers more accurate and dependable ribbon fibre splicing up to 12 fibres. The View 12R offers intuitive double-tapping functionality for zooming in & out to the world's highest magnification of 250x.

View 12R also provides maximum work efficiency through fast splicing & heating time, ultra-high battery capacity of 220 splice/heat cycles, and universal holder both for 250µm & 900µm single fibre. View 12R offers an extremely reliable work experience for all fibre installers.



### Features & Benefits

- 3 Bright LEDs allow for splicing even in dark environments
- Advanced motorised clamping system offers excellent fibre alignment
- Fast heating of up to 20s allows for efficient splicing of high fibre installations
- Excellent, long battery capacity allows for typically 220 cycles (splice and heat)
- Large 5.0" Touch Screen with Smart GUI interface
- The highest 250X magnification allows excellent vision of the fibre cores
- Intuitive interface offers double tap zooming functionality
- Clear core image offered by excellent optical technology

### Kit Contents

Each Inno View 12R splicer comes packaged with the following:

View 1 active v-groove fusion splicer, V8 precision cleaver, thermal stripper, heater cover, carry case/workstation with strap and key, Li-ion battery, AC adapter and cord, USB to micro HDMI cable, DIN cable, car 12V power adapter, spare electrodes and grinder, splice protectors, cooler tray, fibre holders, cleaning brush and operation manual CD.

Additional accessories are available - contact FOS for details.

Active | Passive | Test Equipment | Tooling | Cable | Fibre Management

For further information:  
[www.fibreoptic.com.au](http://www.fibreoptic.com.au)  
+61 3 9757 3000

## Technical Specifications

Part Number	INNO-VIEW-12R
Description	View 12R Arc Fusion Splicer
Dimensions WxHxD (mm)	143 x 167 x 163
Weight (kg)	1.98 / 2.64 (without / with battery)
Programs	Splicing: max 100, Heating: Max 32
Splice loss (typical dB) <sup>1</sup>	SMF: 0.05, MMF: 0.02, DSF: 0.08, NZDSF: 0.08
Return loss (typical dB)	> 60
Arc calibration	Automatic arc calibration for air pressure and temperature
Splice cycle time (s)	15.0 (Ribbon), 9.0 (Single Fibre)
Splice loss estimation	Available
Splice protector compatibility (mm)	60, 50, 40, micro
Heating cycle time (s)	20 typical
Data capacity	2000 results
Tension test (N)	1.96 ~ 2.25
Operating altitude (m)	0 ~ 3660
Operating temperature (°C)	-10 to +50
Operating wind velocity (m/s)	0 ~ 15
Storage temperature (°C)	-40 to +80
Storage/operating humidity (%)	0 ~ 95 (non-condensing)
Monitor specifications	5.0" touch screen colour display
Fibre view & magnification	X, Y, XY, X/Y: 250X Magnification
AC input	100 ~ 240 V, 50 / 60 Hz
DC input	9 ~ 14 V
Battery module	8700 mAh
Splice & heat cycles <sup>2</sup>	Typical 220 splice & heat cycles
Interface	HDMI, DIN / Button & touch screen
Electrode life <sup>4</sup> (arc discharges)	1500

<sup>1</sup> Typical splice loss based on Inno test fibres, results may vary depending on operating conditions and fibre quality

<sup>2</sup> Splice & heat cycles may vary depending on battery condition and environmental factors

<sup>3</sup> Applies to continued unit operation, does not guarantee product is free of faults or damage

<sup>4</sup> Electrode life may vary depending on environmental factors, can be extended by using electrode grinder

## Fibre Requirements

Material	Silica glass
Fibre profiles	SMF (ITU-T G.652/657), MMF (ITU-T G.651), DSF (ITU-T G.653), NZDSF (ITU-T G.655)
Fibre counts	1, 2, 4, 6, 8, 10, 12 fibres (Ribbon)
Cladding diameter (um)	125
Fibre coating thickness (um)	Ribbon: 250 ~ 400, Single: 250 & 900
Cleave length (mm)	10 ~ 13

Active | Passive | Test Equipment | Tooling | Cable | Fibre Management

For further information:  
[www.fibreoptic.com.au](http://www.fibreoptic.com.au)  
 +61 3 9757 3000

Page 2 of 2

**FOS**  
 Fibre Optic Systems