



## Active V-Groove Cladding Alignment

- **Heating Time:** 13s
- **Splicing Time:** 4s
- **Battery:** 3500mAh (up to 200 cycles)



**The Most Compact Splicer  
on the Market**

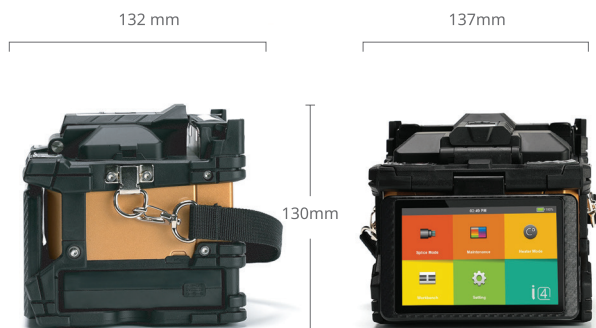
## TECHNICAL SPECIFICATIONS

Items	Specifications
Model	i4
Alignment Method	Active V-groove Clad Alignment
Number of Fibers	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)
Coating Diameter	100µm - 3mm
Cladding Diameter	80 - 150µm
Cleave Length	5 - 16mm
Typical Splice Loss	SM: 0.03dB / MM: 0.01dB / DS: 0.05dB / NZDS: 0.05dB / G.657: 0.03dB
Return Loss	>> 60dB
Splice Time	Quick mode: Avg. 4 sec / SM mode: Avg. 5sec
Splice Programs	Max 128 modes
Automatic Calibration	Automatic Arc Calibration by air pressure & temperature
Electrode Life span	6000 Arc Discharges
Heating Programs	Max 32 modes
Heating Time	13 sec (45mm, 60mm slim)
Protection Sleeve	20mm - 60mm
Data Output	USB-C
Splice Memory	10,000 Splice data / 10,000 Splice image
Battery	Battery Capacity: 3500 mAh / Operation Cycle: 200 cycles (Splicing + Heating)
Power Supply	AC Input 100 - 240V, DC Input 9 - 19V
Monitor	4.3" Color LCD display, Full Touch Screen
Magnification	x130, x320
Size	132 x 137 x 139mm
Weight	1.384kg (1.164kg without battery)
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.

## WEIGHT AND DIMENSIONS



Height: 130mm  
Width: 137mm  
Depth: 132mm

Weight  
1.384kg  
1.164kg without battery

## ENVIRONMENTAL CONDITION & TEST

Items	Specifications
Operating Conditions	Altitude: 0 - 5000m Humidity: 0 - 95%, non-dew Temperature: -10 - 50°C Wind: up to 15m/sec
Storage Conditions	Humidity: 0 - 95%, non-dew Temperature: -20 - 60°C
Resistance Tests	Shock Resistance : 76cm for bottom surface drop Exposure to Dust : 0.1 to 500µm 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

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

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