INNO INSTRUMENT®

i4

Active V-Groove Alignment

- Heating Time: 9s
- Splicing Time: 4s
- Battery: 3500mAh (up to 200 cycles)



The Most Compact Splicer on the Market

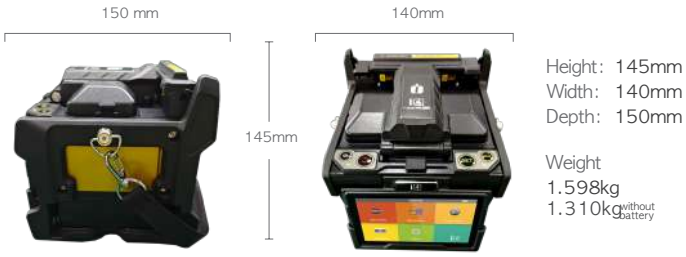
V3.1B

TECHNICAL SPECIFICATIONS

Items	Specifications
Model	i4
Alignment Method	Active V-Groove 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	100μ m - 3mm, drop cable 3x2
Cladding Diameter	80 - 150μ m
Cleave Length	5 - 16mm
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB / DS: 0.04dB / NZDS: 0.04dB / G.657: 0.02dB
Return Loss	〉〉 60dB
Splice Time	Quick mode: Avg. 4 sec / SM mode: Avg. 5sec
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	9 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	145 x 140 x 150mm
Weight	1.598kg (1.310kg 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: 145mm
Width: 140mm
Depth: 150mm

Weight
1.598kg
1.310kg without battery

Standard Package

Item	Model
Fiber Cleaver	V1
Battery	LBT-5000
Power Adaptor	INNO-PU-7 + ACC-25
Cooling Tray	CG-22
Electrodes	E-50
Fiber Stripper	CFS-2
Cable Stripper	F121A
Fiber Holder	FH-45-LT
Wrench	FC11-13-01-01-B
Strap	ST-01
Carrying Case	ICC-59

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
Shock Resistance
Dust Resistance

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

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

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