# VD INFOCOM

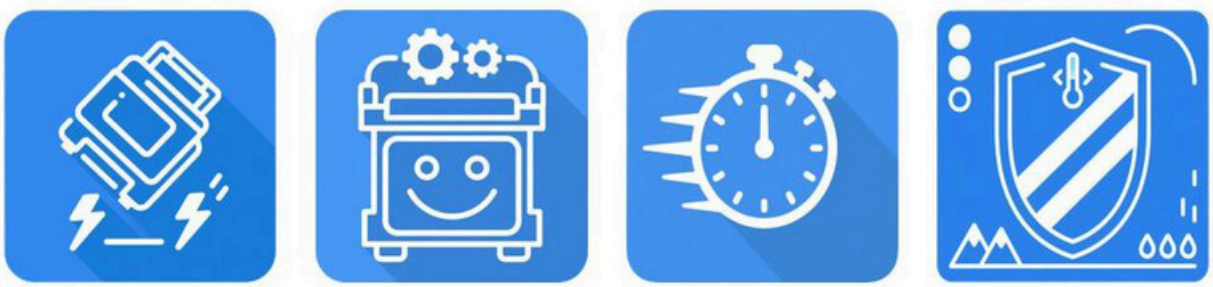
## Cladding Alignment Fusion Splicer

## VD-22

VD Infocom fusion splicer VD-22




## Easily in various conditions



**Proven field resilience**

**Smart and easy maintenance**

**Splice 7s Heating 15s**

**Environmental resistance**

Specifications are subject to change without prior notice

| Specifications | | |
|---|---|---|
| **Optical fiber requirement** | Fiber count/ Profile types | Single / SMF(G.652), MMF(G.651), DSF(G.653), NZDSF(G.655), BIF(G.657) |
| | Fiber diameter | Cladding diameter: 80~150μm, Coating diameter: 100~3000μm |
| | Cleave length | 5～16mm (coating diameter<250μm); 10mm (coating diameter: 0.25~3mm) |
| **Standard performance** | Splice loss (typical)*1 | SMF : 0.05dB, MMF : 0.03dB, DSF : 0.05dB, NZDSF : 0.05dB, BIF : 0.05dB |
| | Return Loss | > 60dB |
| | Splicing Time (typical) | 7sec (SM G652 Quick Mode), 10sec (Auto Mode) |
| | Heating Time (typical) | 15-18sec for 40mm and 60mm shrinkable sleeves |
| | Splice & Heat cycles per battery full charge*2 | Approx. 110 cycles |
| | Fibre view & magnification | 2 CMOS cameras observation,<br>130X for both X & Y dual axis view |
| | Tension Test | 1.96~2.25N |
| | Applicable protection sleeve | 60mm, 40mm, and more |
| **Programs** | Splice programs | Max. 304, 18 are pre-optimised, 286 editable by user |
| | Operation Mode | Manual/ Auto |
| | Heating programs | Max. 104, 11 are pre-optimised, 93 editable by user |
| **Functions** | Splice image capture / Splice data storage | 30,000 groups fusion records (internal memory only) |
| | 3-in-1 fiber holder | 250μm, 900μm tight & loose buffer fiber, 2&3mm pigtails , drop cable, etc. |
| | VFL/OPM functions | Available |
| | User training video | Available （For dealer only, store in the USB drive) |
| | Automatic arc calibration | Available |
| | Automatic motor calibration | Available |
| | Automatic stabilize electrodes | Available |
| | Automatic “Self-test” | Available |
| | Monitor | GUI menu, 4.3” touch screen, color LCD display |
| **Size / Weight Terminals** | Size | 125mm (W)×110mm (H)×215mm (D) (with anti-shock rubber) |
| | Weight | 1.3kg (with battery), 1.1kg (without battery) |
| | USB port | USB 2.0, for Software updates |
| **Power supply** | DC input | 10~15V |
| | AC input | 100～240V, 50/60Hz |
| | Battery pack | Li-ion 11.1v, 3400mAh |
| **Operating condition** | | Temp.:-10～50℃; Hum.: 0～95% (non-condensing), Altitude: 0～6000m<br>Wind velocity : up to 15m/sec |
| **Electrode life *3** | | 5,000 arc discharges |

* 1: Average value of the final inspection in room temperature .
* 2: Splice & Heat cycles may vary depending on the battery status and the operating environment.
* 3: Achieved in lab condition. Electrode life may vary depending on the operating environment.

## Standard Accessories

| No. | Partname | Qty | Package |
|---|---|---|---|
| 1 | Fiber cleaver | 1 |  |
| 2 | Miller stripper | 1 | |
| 3 | Drop cable stripper | 1 | |
| 4 | Alcohol bottle | 1 | |
| 5 | Spare electrodes pair | 1 | |
| 6 | Cleaning kit set | 1 | |
| 7 | Cooling tray | 1 | |
| 8 | Power plug & adapter | 1 | |
| 9 | Carrying softbag | 1 | |
| 10 | USB user manual | 1 | |

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