



## GS-602F Fusion Splicer

- 6 motors core alignment automatic fusion splicer
- 5s fast splicing, 11s overspeed heating
- With VFL and power meter
- 4.3" high resolution lcd touch screen with 380x magnification
- Independently developed new structure heater, compatible with multi-type connectors
- Multi-gear adjustable handle, convenient for multi-scene operation
- Independent R&D of integrated mechanical core module

| Items                | Specifications                                                                                                                          |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Alignment method     | 6 motors core alignment                                                                                                                 |
| Applicable fiber     | SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), BIF(G.657)                                                                                |
| Cladding diameter    | 80-150μm                                                                                                                                |
| Coating diameter     | 160-3000μm                                                                                                                              |
| Cleaved length       | 8~16mm (coating diameter:250-1000um)                                                                                                    |
| Typical splice loss  | SM: 0.02dB; MM: 0.01dB; DS/NZDS/BIF: 0.04dB                                                                                             |
| Return loss          | >60dB                                                                                                                                   |
| Splicing program     | Preset 41 splicing modes                                                                                                                |
| Operation mode       | Manual/ Automatic                                                                                                                       |
| Auto-heating         | Available                                                                                                                               |
| Typical splice time  | 5 seconds                                                                                                                               |
| Typical heating time | 11 seconds                                                                                                                              |
| Fiber magnification  | 380X                                                                                                                                    |
| Viewing display      | 4.3inch high resolution display with touch screen                                                                                       |
| Data storage         | 20000 latest records & 200 images                                                                                                       |
| Loss evaluation      | Available                                                                                                                               |
| Tension test         | 1.8~2.25N                                                                                                                               |
| Battery capacity     | 7200mAh Li-battery, 320 cycles splicing and heating                                                                                     |
| Power supply         | AC input 100-240V, DC input12-15V                                                                                                       |
| Electrode life       | More than 5000 ARC discharges                                                                                                           |
| Terminals            | USB 2.0, Mini USB                                                                                                                       |
| VFL                  | Visual Fault Locator: Output power 15mw, CW mode and 2Hz Flashing mode                                                                  |
| Power Meter          | Calibrated Wavelength: 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm<br>Measuring Range:-50~+26dBm; Absolute error:<0.3dB(-50dBm~+3dBm) |
| Operating            | Altitude:0-5000m, Humidity:0-95%,Temperature:-20~+50℃; Wind:max 15m/s                                                                   |
| Dimension/Weight     | 135.1Wx205.9Lx130.4mm / 2.0kg (including battery)                                                                                       |



## Standard Package

| Name                | Picture                                                                             | Name                    | Picture                                                                               |
|---------------------|-------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------|
| Fusion Splicer      |    | Power Adapter           |    |
| Fiber Cleaver       |    | Power Plug              |    |
| Fiber Stripper      |    | Certificate/Test Report | /                                                                                     |
| Spare Electrodes    |   | Strap                   |   |
| Cooling tray        |  | Cleaning Brush          |  |
| Drop Cable Stripper |  | Carrying Box            |  |

## Multi functional carrying case

