

## Specification

<b>Motor quantity</b>	4
<b>Alignment method</b>	Cladding Alignment
<b>Applicable fibers</b>	Any common optical fibers, rubber-insulated fibers and jumpers that meet requirements of ITU-TG.651~653, ITU-TG.655 and ITU-TG.657.
<b>Optical fiber diameter</b>	Cladding: 80 ~ 150 $\mu$ m, coating layer: 0.1 ~ 3mm
<b>Cleave length</b>	5 ~ 16mm (coated optical fiber diameter $\leq$ 250 $\mu$ m); 10mm (coated optical fiber diameter: 0.25~3mm)
<b>Splice loss (typical)</b>	0.03dB (SMF); 0.02dB (MMF); 0.05dB (DSF); 0.05dB (NZDSF)
<b>Return loss</b>	Better than 60dB
<b>Splicing time (typical)</b>	7s
<b>Heating time (typical)</b>	18s (60mm protection sleeve)
<b>Tension</b>	1.96 ~ 2.25N
<b>Protection sleeve</b>	60mm, 40mm and a series of protection sleeves
<b>Graphical display</b>	High-performance 4.3-inch LCD
<b>Magnification time</b>	320 times/88 times
<b>Fusion records</b>	10000 groups
<b>Battery capacity</b>	11.1V, 6800mAh
<b>Battery operating life</b>	Cycle charging: 300 ~ 500 counts, can be replaced by customers
<b>Electrode operating life</b>	Typical: 4000 counts, can be replaced by customers
<b>Construction lighting</b>	Built-in lights with high-brightness and wide lighting area
<b>Working environment</b>	Temp: -10 ~ 50°C; Hum: 0 ~ 95%RH, height above sea level: 0 ~ 6000m
<b>External power</b>	AC: 100 ~ 240V, 60Hz, 0 ~ 1.5A; DC: 10 ~ 15V
<b>Weight</b>	1.7kg (no battery), 2.0kg (with battery)
<b>Dimensions</b>	120mm (W) $\times$ 130mm (H) $\times$ 154mm (D) (without rubber anti-vibration pad)

## Main Characteristics

- Compact, light weight
- 7s fast splicing, 18s highly efficient heating
- 320 times image magnification, 5mm fusion for ultra-short cleave length
- 300 groups of splice modes, 100 groups of heating modes, 10000 groups of fusion records
- Ceramic presser foot, ceramic V-groove, all-in-one fixture
- Dual-directional fusion, auto fusion, intelligent heat shrink
- USB and SD card interface, auto update by USB
- Built-in modular lithium-ion battery, at least 220 times of splicing and heating
- GUI and touch screen, easy to operate
- Dust-resistant, water-resistant, shock-resistant