## BENEFITS AND FEATURES

User friendly GUI

Wide 127mm (5.0in) color LCD monitor with electrostatic touch screen and bidirectional operating system

Powerful lithium polymer battery with large capacity

Lowest splice loss in the industry

Optical fiber recognition capability and LED lamp in heater

# SPECIFICATIONS

| CATEGORY | DESCRIPTION |
|---|---|
| Fiber alignment | IPAAS core to core alignment (Image pattern analysis alignment system) |
| Applicable type of fibers | SM (G.652); MM (G.651); DS (G.653); NZDS (G.655); SM (G.657 A1, A2/B2, B3); SM (G.654 E) |
| Fiber count | Single fiber |
| Applicable fiber dimensions | Cladding diameter: 80~150μm; Coating diameter: 100μm-4mm |
| Fiber setting and cleaved length | 0.28in ~ 0.63in |
| Splicing modes | Splice mode: 300; Heat mode: 100 |
| Typical splice loss | SM: 0.02dB; MM: 0.01dB; DS:0.04dB; NZDS:0.04dB |
| Return loss | >60dB (typical) |
| Splicing time | Typical 6 sec. (quick mode) |
| Splice loss estimate | Available |
| Sleeve heating time | 9 sec. (IS-45 mode, IS-45 sleeve); 13 sec. (IS-60 mode, IS-60 sleeve) |
| Applicable protection sleeve | 1.5in, 2.4in, 1.3in (fiber)/1.1in (connector) |
| Storage of splice result | The last 10,000 results to be stored in the internal memory. (Image 10,000 results) |
| Tension test | 1.96N ~ 2.25N |
| Operating condition | Altitude: 5,000m above sea level; Temperature: -14°F~122°F; Humidity: 0-95%; Wind: 15m/s, non-condensing, dust proof, water proof, shock proof |
| Storage condition | Temperature: -40°F~176°F; Humidity: 0-95% |
| Dimension | 5.6(W) x 6.4(L) x 5.5(H)in (excluding bumper) |
| Weight | 5.0 (including battery) |
| Viewing method and display | Two CMOS cameras and 127mm (5.0in) color LCD monitor with electrostatic touch screen |
| Fiber view and magnification | X/Y: 200X; Max: 400X |
| Power supply | DC Lithium polymer battery (DC 14.8V, 4700, 6000mAh-option), 100~240V AC Charger |
| No. of splice cycles with battery | Typical 250 cycles / More than 350 cycles(K11-6000) |
| Electrode life | Up to 18,000 splices |
| Terminals | USB |

# STANDARD PACKAGE

| CATEGORY | MODEL | Q'TY |
|---|---|---|
| Arc fusion splicer | SWIFT K11 | 1 |
| Battery | K11-4700 | 1 |
| AC adapter | WDS060190 | 1 |
| Instructions for use | – | 1 |
| Spare electrode | EI-23 | 1 pair |
| Transporting case | Hard case | 1 |
| Cooling tray | CT-01 | 1 |
| Allen wrench | LD-3300 | 1 |
| USB cable | – | 1 |
| DC output cable | – | 1 |
| Manual stripper | CF-02 | 1 |
| Alcohol dispenser | PP | 1 |
| Tool box | – | 1 |
| Sleeve loader | S312 | 2 |
| Cleaver | CI-03BT | 1 |

# OPTIONAL ACCESSORIES

| CATEGORY | MODEL |
|---|---|
| Battery | K11-4700 / K11-6000 |
| Cleaver blade | BI-07 |
| Electrode | EI-23 |
| Work belt | – |
| Sleeve | S-160(2.4in), S-140(1.5in) |
| Sleeve clamp | SC-01 |
| SOC connector | SC, LC, FC, ST |
| Optical fiber holder | HS-250, HS-900, HS-2.5, HS-IN, HS-SC/FC, HS-ILC, HS-ST, LS-900 (loose tube) |
| External power | DC 12V Available for car cigar jack |

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*\* Design, standard/optional package and specification shown above are subject to change with or without notice.*