



# KR12

Ribbon

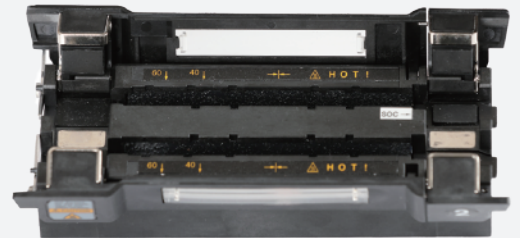


## Benefits and Features

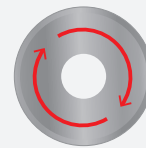
- Wide 5.0 inch color LCD monitor with Electrostatic touch screen & bidirectional operation system.
- User friendly GUI.
- Powerful lithium polymer battery with large capacity : 6000mAh
- Resistance to Shock, Dust and Water
- LED lamp installed on the wind cover for low light condition.

**PATENTED**

Improved Productivity via Dual Heater



**PATENTED**

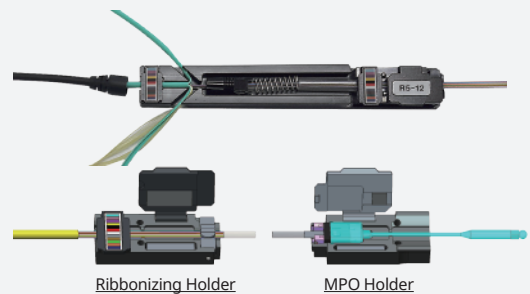


Rotating Blade Life

Up to **75,000** fibers

**PATENTED**

Ribbonizing Holder Kit



## Specifications

| CATEGORY                      | DESCRIPTION                                                                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Fiber alignment               | Ribbon                                                                                                                                             |
| Applicable fibers             | SM(G.652), MM(G.651), DS(G.653), NZDS(G.655)                                                                                                       |
| Fiber count                   | Single fiber, 2~12 Ribbon fiber                                                                                                                    |
| Applicable fiber dimensions   | Single: Cladding diameter 125μm, Coating diameter 250, 900μm<br>Ribbon: Cladding diameter 125μm, Ribbon fiber thickness 0.25 to 0.40mm             |
| Fiber cleave length           | 10mm                                                                                                                                               |
| Splicing modes                | Splice mode: 100, Heat mode: 100                                                                                                                   |
| Average splice Loss           | SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB                                                                                                   |
| Return loss                   | > 60dB                                                                                                                                             |
| Splicing time                 | Typical 16 sec with standard SM (ITU-T G.652)                                                                                                      |
| Splice loss estimate          | Available                                                                                                                                          |
| Sleeve heating time           | 1~2 core 20 sec, 4~12 core 50 sec                                                                                                                  |
| Applicable protection sleeve  | 40mm, 60mm (Fiber), Micro                                                                                                                          |
| Storage of splice result      | The last 10,000 results to be stored in the internal memory. (Image 10,000 results)                                                                |
| Tension test                  | 2N                                                                                                                                                 |
| Operating conditions          | Altitude: 0~5,000m above sea level, Temperature: -10°C~50°C, Humidity: 0~95%,<br>Wind: 15m/s, Non-condensing, Dust proof, Water proof, Shock proof |
| Storage conditions            | Temperature: -40°C~80°C, Humidity: 0~95%                                                                                                           |
| Dimensions                    | 142(W) x 164(L) x 126(H)mm (Including rubber)                                                                                                      |
| Weight                        | 2.1kg (Including battery)                                                                                                                          |
| Viewing method and display    | Two CMOS cameras and 5.0-inch color LCD monitor with Electrostatic touch screen                                                                    |
| Fiber view and magnification  | 20X, Max 60X                                                                                                                                       |
| Power supply                  | 100~240V                                                                                                                                           |
| Battery life with heat-shrink | Typical 130 cycles (4700mAh)                                                                                                                       |
| Electrode life                | Up to 3,000 splices                                                                                                                                |
| Terminals                     | USB, External Power(DC 12V available for car cigar jack), DC Output 13.2~16.8V                                                                     |

## Standard Package

| CATEGORY           | MODEL       | Q'ty   |
|--------------------|-------------|--------|
| Arc Fusion Splicer | SSWIFT KR12 | 1      |
| User guide CD      | -           | 1      |
| Spare electrode    | EI-28       | 1 pair |
| Cooling Tray       | -           | 1      |
| Transporting Case  | Hard Case   | 1      |
| Battery            | 4700mAh     | 1      |
| AC Adapter         | -           | 1      |
| Fiber Holder       | H7-Series   | 1 pair |
| Cleaver            | CI-03RT     | 1      |
| Manual stripper    | IHS-12 (DC) | 1      |
| Alcohol dispenser  | -           | 1      |
| Tool box           | -           | 1      |
| USB Cable          | -           | 1      |
| DC output Cable    | -           | 1      |

## Optional Package

| CATEGORY               | MODEL                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Battery                | 6000mAh                                                                                                                 |
| Cleaver Blade          | BI-07                                                                                                                   |
| Electrode              | EI-28                                                                                                                   |
| External Power         | DC 12V available for car cigar jack                                                                                     |
| Sleeve                 | R-F40 (40mm)                                                                                                            |
| Sleeve Clamp           | -                                                                                                                       |
| Sleeve Loader (2ea)    | -                                                                                                                       |
| Optical Fiber Holder   | H7-4-10, H7-8-10, H7-12-10, H7-250-10,<br>H7-900-10, H7-2.5-10, H7-IN-10, H7-2-10,<br>H7-6-10, H7-10-10, MPO-10, KR7-12 |
| Ribbonizing Holder Kit | -                                                                                                                       |
| Ribbon Separator       | -                                                                                                                       |

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