



R5

for Ribbon Fiber



ALLINONE

Benefits and Features

- Remote Maintenance via Internet
- Integrated 5 Function in One Unit (Stripping, Cleaning, Cleaving, Splicing and Protecting)
- 4.3-inch Color LCD Monitor with Touch Screen & Bidirectional Operation System
- Powerful Lithium Polymer Battery with Large Capacity
- Resistance to Shock, Dust and Water
- Built-in Dual Sleeve Heater



Stripping
(No Cracks on Fiber)



Cleaning



Cleaving

Specification

| CATEGORY | DESCRIPTION |
|-----------------------------------|--|
| Fiber alignment | Fixed V-Groove(Clad to Clad) |
| Applicable type of fibers | SM(ITU-T G.652), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655) |
| Fiber count | Single fiber, 2~12 fiber |
| Applicable fiber dimensions | Single: Cladding diameter 125 μ m, Coating diameter 250, 900 μ m Ribbon: Cladding diameter 125 μ m, Ribbon fiber thickness 0.27 to 0.32mm |
| Fiber setting and cleaved length | 8mm |
| Splicing modes | Splice mode: 100, Heat mode: 50 |
| Typical splice Loss | SM: 0.05dB, MM: 0.02dB, DS: 0.08dB, NZDS: 0.08dB |
| Return loss | > 60dB |
| Splicing time | Typical 20sec with standard SM(ITU-T G.652) |
| Splice loss estimate | Available |
| Sleeve heating time | 30sec, 50sec |
| Applicable protection sleeve | 40, 60mm(fiber) |
| Storage of splice result | The last 10,000 results to be stored in the internal memory.(Image 10,000 results) |
| Tension test | 2N / 4,4N(Option) |
| Operating condition | Altitude: 5,000m above sea level, Temperature: -10 $^{\circ}$ C~50 $^{\circ}$ C, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof |
| Storage condition | Temperature: -40 $^{\circ}$ C~80 $^{\circ}$ C, Humidity: 0~95% |
| Dimension | 142(W) x 225(L) x 132(H)mm(Including rubber) |
| Weight | 2.5kg(Including battery 3.2kg) |
| Viewing method and display | Two CMOS cameras and 4.3-inch color LCD monitor with touch screen |
| Fiber view and magnification | 50X |
| Power supply | DC Lithium polymer battery(DC 14.8V, 8400mAh), 100~240V AC Adapter |
| No. of splice cycles with battery | 320cycle |
| Electrode life | More than 1,000 times |
| Terminals | USB, External power(DC 12V Available for car cigar jack) |

Standard Package

| CATEGORY | MODEL | Q'ty |
|--------------------|-------------|--------|
| Arc Fusion Splicer | R5 | 1 |
| AC Adapter | F1-1 | 1 |
| Sleeve Loader | S312 | 2 |
| Spare Electrode | EI-22 | 1 pair |
| Battery Pack | S513 | 1 |
| Cooling Tray | CT-03(60mm) | 1 |
| Holder | H5-Series | 1 pair |
| Tool Box | - | 1 |
| User Manual | - | 1 |
| Carrying Case | Hard Case | 1 |

Option Package

| CATEGORY | MODEL |
|----------------|--|
| Battery Pack | S513 |
| Cleaver Blade | BI-05 |
| Electrode | EI-22 |
| Fiber Holder | H5-12, H5-10, H5-8, H5-6, H5-4, H5-2, H5-250, H5-900, H5-IN, H5-2.5 |
| Sleeve | S-160(60mm), S-140(40mm) |
| Sleeving Clamp | SC-01 |
| External Power | DC 12V Available for car cigar jack |

* Design and specifications are subject to change without notice.