

WRX600 Core Alignment Splicer

Touchscreen, fast splicing, lightweight

Introducing the Optix America WRX600 Six-Motor Core Alignment fusion splicer offering real core to core alignment with fiber type identification. The WRX600 is the smallest and most rugged fusion splicer available today with an IP52 Ingress Protection Rating. It is also the Most Complete Kit including precision cleaver, thermal stripper, 900um and 250um holders, an assortment of hand tools, cleaning kit, and 900um loose tube clamp for loose tube cable. Guaranteed stability and splicing performance under most environmental conditions, the WRX600 will be your trusted tool in the field. Special features include automatic arc calibration, sustained heating, force arc, flip screen, and quick splice mode.

Features

- Most Complete Kit includes reliable core fusion splicer, precision cleaver, thermal stripper, 250um and 900um holders, cleaning kit, +++++
- Three year bumper to bumper warranty
- Ingress Protection IP52 rating
- Small and Lightweight
- 4.3 inch touch screen color display with dual keypad operation
- Intelligent fiber recognition core to core fiber type identification on the display
- Automatic Arc calibration saves time
- No mirrors - uses newly developed image processing PAS technology
- 5200 mAH ultra high battery offers 240 cycles
- Records 6000 splicing result records and 100 splice images
- 520X splice image magnification
- SOC Compatible
- Charge and splice - No waiting to start splicing
- "Force Arc" feature will auto arc and splice bad cleaves saving time and waste
- "Flip screen" feature great for working in tight spaces
- "Sustained heat" feature for quicker heating
- "Quick Splice" Mode for faster splicing
- "Arc Counter" for total arcs and electrode arcs
- CE,ISO,RoHS,GS Certifications
- NJ Service and Support Center



Standard Package

| No. | Item |
|-----|---|
| 1 | WRX600 Core Alignment Splicer |
| 2 | WRXCL10 Precision Cleaver with Bin |
| 3 | WRXTS12 Thermal Stripper |
| 4 | 900um Fiber Holders (pr) |
| 5 | 250um Fiber Holders (pr) |
| 6 | SOC Holder |
| 7 | Battery |
| 8 | Spare Electrodes |
| 9 | Cooling Tray |
| 10 | AC Adapter (Charger) |
| 11 | 2mm/3mm Drop Cable Stripper |
| 12 | Tri Hole Cable Stripper |
| 13 | KS-1 Kevlar Scissors |
| 14 | Cleaning Fluid Bottle |
| 15 | Cleaning Kit - (Mag/Light, Bristle & Sweeper brush) |
| 16 | 900um Loose Tube Cable Clamp |
| 17 | 60mm Splice Sleeves (100) |
| 18 | Lint Free 4"x4" Wipes (100) |
| 19 | Screwdriver |
| 20 | User Manual |
| 21 | Hard Case with Strap |



Specifications

| PARAMETER | VALUE |
|---------------------------|---|
| Applicable Fibers | SM, MM, NZ-DS, EDF |
| Average Splice Loss | 0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF) |
| Return Loss | ≥60dB |
| Tension Test | 1.96 - 2.25N |
| Splicing Time | 6 seconds |
| Heating Time | 6 seconds to 15 seconds |
| Splicing Program | 50 groups |
| Heater Capacity | 20mm, 40mm, 60mm, SOC Compatible |
| Operating Language | English, Chinese, French, Portuguese, Spanish |
| Operating Conditions | -10~+50°C(operation temperature),0~95%(humidity), 0~5000m(altitude) |
| Power Supply | AC adaptor: 100~240V input voltage, 50/60Hz; 12V, 5A output voltage(DC) Inner lithium battery: 11.1V, 5.2AH |
| Monitor | 4.3 inches high resolution colorful LCD display |
| Fiber Image Magnification | X or Y axis separately views 520 times magnification, or simultaneously 220 times |
| Storage of Splice Result | 6,000 groups of latest splice results; 100 splice images |
| Terminal | USB for software and firmware updates |
| Fiber Fixtures | 3-in-1 cutting fixture; 900um and 250um fiber holders |
| Dimensions | 4.8" x 4.8" x 4.8" |
| Weight | 3.06 lbs + .75lbs (battery weight) = 3.81 lbs |

Ordering Information

| PART NO. | DESCRIPTION |
|----------|--|
| WRX600 | WRX600 six motor core alignment fusion splicer Kit |