

WRX400 Clad Alignment Splicer

Touchscreen, Fast, Rugged

The WRX400 stands out as the most rugged four motor clad fusion splicer on the market, boasting an IP52 Ingress Protection Rating and engineered to maintain consistent stability and splicing performance across a wide range of environmental conditions, ensuring it remains a dependable tool for field operations. Each unit is delivered as a comprehensive kit, which includes your choice of precision WRX cleaver, WRXTS1 thermal stripper, GRIPTITE 900µm and 250µm holders, 900µm loose tube cable clamp for splicing loose tube cable, and cleaning and prep tools. Key features include automatic arc calibration, sustained heating, force arc, flip screen, and quick splice mode.



Features

- Most Complete Kit includes clad fusion splicer, choice of WRX precision cleaver, WRXTS1 thermal stripper, 250µm and 900µm holders, 900µm loose tube clamp, & more
- Three year Warranty
- Ingress Protection IP52 rating
- GPS Tracking (IOS compatible)
- Small and Lightweight
- 4.3 inch touch screen color display with dual keypad operation
- 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 image
- Universal Splice-on connector compatibility
- 520X splice image magnification
- Charge and splice - No waiting to start splicing
- "Force Arc" feature will auto arc and splice bad cleaves
- "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 | WRX400 Clad Alignment Splicer |
| 2 | WRXCL10, WRXK9A, Mini WRXK1S or WRXK1S Precision Cleaver |
| 3 | WRXTS1 Thermal Stripper |
| 4 | GRIPTITE 900µm Fiber Holders (pr) |
| 5 | GRIPTITE 250µm Fiber Holders (pr) |
| 6 | SOC Holder |
| 7 | 900µm Loose Tube Cable Clamp |
| 8 | Battery |
| 9 | Spare Electrodes |
| 10 | Cooling Tray |
| 11 | AC Adapter (Charger) |
| 12 | Sniper6N1 Cable Stripper |
| 13 | KS-1 Kevlar Scissors |
| 14 | Cleaning Fluid Bottle |
| 15 | Sweeper Brush & Bristle Brush |
| 16 | 60mm Splice Sleeves (100) |
| 17 | Lint Free 2"x2" Wipes (150) |
| 18 | Screwdriver |
| 19 | User Manual |
| 20 | Hard Case with Strap |



Holders for Splice-on connector Compatibility

| SOC Holder | Splice-on Connector Brand |
|---------------------|---|
| WSOCHOLDER-1 | Optix 1XSOC, Legrand Infineum, Hubbell SOC, FIS Cheetah, FiberFox FOXSOC |
| WSOCHOLDER-2 | Corning Fuselite1, Sumitomo Lynx, Panduit SOC, Belden FX SOC, Commscope SOC, Siemon SOC |
| WSOCHOLDER-3 | Corning Fuselite2, UCL SWIFT SOC |

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 | 30mm, 40mm, 60mm, SOC Compatible |
| Operating Language | English, 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; 900µm and 250µm fiber holders |
| Dimensions | 4.8" x 4.8" x 4.8" |
| Weight | 3.06 lbs + .75lbs (battery weight) = 3.81 lbs |

Ordering Information

| Part Number | Description |
|--------------------|---|
| WRX400 | WRX400 clad splicer kit with WRXCL10 Cleaver |
| WRX400A | WRX400 clad splicer kit with WRXK9A Cleaver |
| WRX400S | WRX400 clad splicer kit with WRXK1S Cleaver |
| WRX400M | WRX400 clad splicer kit with Mini WRXK1S Cleaver |
| WRX400-FT3X | WRX400 clad splicer kit with three FastTrack calibrations and WRX cleaver of choice |