

# WRX400 Clad Alignment Splicer

**OPTIX**  
www.optixamerica.com

**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. The WRX400 is 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 either the WRXK9A precision auto cleaver or the WRXCL10 precision cleaver, along with a WRXTS1 thermal stripper, GRIPTITE 900um and 250um holders, a 900um loose tube cable clamp for splicing loose tube cable, prep tools, and cleaning tools. Key features include automatic arc calibration, sustained heating, force arc, flip screen, quick splice mode, and GPS tracking compatible with IOS devices.



## Features

- Most Complete Kit includes clad fusion splicer, WRXK9A or WRXCL10 precision cleaver, WRXTS1 thermal stripper, 250um and 900um holders, 900um 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 or WRXK9A Precision Cleaver
3	WRXTS1 Thermal Stripper
4	GRIPTITE 900um Fiber Holders (pr)
5	GRIPTITE 250um Fiber Holders (pr)
6	SOC Holder
7	900um 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 (100)
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
<b>Applicable Fibers</b>	SM, MM, NZ-DS, EDF
<b>Average Splice Loss</b>	0.02dB(SM), 0.01dB(MM), 0.04dB(NZDS), 0.04dB(EDF)
<b>Return Loss</b>	≥60dB
<b>Tension Test</b>	1.96 - 2.25N
<b>Splicing Time</b>	6 seconds
<b>Heating Time</b>	6 seconds to 15 seconds
<b>Splicing Program</b>	50 groups
<b>Heater Capacity</b>	30mm, 40mm, 60mm, SOC Compatible
<b>Operating Language</b>	English, French, Portuguese, Spanish
<b>Operating Conditions</b>	-10~+50°C(operation temperature), 0~95%(humidity), 0~5000m(altitude)
<b>Power Supply</b>	AC adaptor: 100~240V input voltage, 50/60Hz; 12V, 5A output voltage(DC) Inner lithium battery: 11.1V, 5.2AH
<b>Monitor</b>	4.3 inches high resolution colorful LCD display
<b>Fiber Image Magnification</b>	X or Y axis separately views 520 times magnification, or simultaneously 220 times
<b>Storage of Splice Result</b>	6,000 groups of latest splice results; 100 splice images
<b>Terminal</b>	USB for software and firmware updates
<b>Fiber Fixtures</b>	3-in-1 cutting fixture; 900um and 250um fiber holders
<b>Dimensions</b>	4.8" x 4.8" x 4.8"
<b>Weight</b>	3.06 lbs + .75lbs (battery weight) = 3.81 lbs

## Ordering Information

PART NO.	DESCRIPTION
<b>WRX400</b>	WRX400 core fusion splicer kit with WRXCL10 Cleaver
<b>WRX400A</b>	WRX400 core fusion splicer kit with WRXK9A Auto Cleaver
<b>WRX400-FT3X</b>	WRX400 core fusion splicer kit with three FastTrack calibrations
<b>WRX400A-FT3X</b>	WRX400A core fusion splicer kit with three FastTrack calibrations