

# WRX400 Clad Alignment Splicer

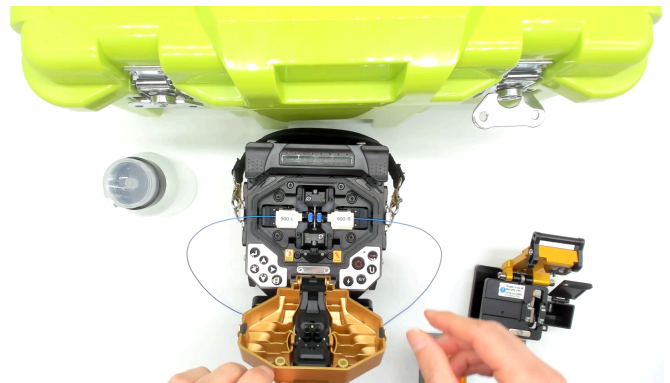
**Touchscreen, fast splicing and lightweight**

The Optix America WRX400 four motor clad alignment fusion splicer offers reliable active clad alignment. The WRX400 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, GRIPTITE 900um and 250um holders, 900um loose tube clamp for splicing loose tube cable, hand tools, and cleaning tools. Guaranteed stability and splicing performance under most environmental conditions, the WRX400 will be your trusted tool in the field. Standard features include automatic arc calibration, sustained heating, force arc, flip screen, quick splice mode, and GPS tracking (IOS compatible).



## Features

- Most Complete Kit includes reliable clad fusion splicer, precision cleaver, thermal stripper, GRIPTITE 250um and 900um holders, 900um loose tube cable clamp, & more
- Three year bumper to bumper 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 images
- 520X splice image magnification
- Universal SOC Compatibility
- 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	WRX400 Core Alignment Splicer
2	WRXCL10 Precision Cleaver w/ Bin
3	WRXTS6 Thermal Stripper
4	GRIPTITE 900um Fiber Holders (pr)
5	GRIPTITE 250um Fiber Holders (pr)
6	1SOCHolder-W
7	900um Loose Tube Cable Clamp
8	Battery
9	Spare Electrodes
10	Cooling Tray
11	AC Adapter (Charger)
12	2mm/3mm Drop Cable Stripper
13	Tri Hole Cable Stripper
14	KS-1 Kevlar Scissors
15	Cleaning Fluid Bottle
16	Sweeper Brush & Bristle Brush
17	60mm Splice Sleeves (100)
18	Lint Free 4"x4" Wipes (100)
19	Screwdriver
20	User Manual
21	Hard Case with Strap



## Universal Splice-on connector Compatibility

SOC HOLDER	SPLICE-ON CONNECTOR BRAND
1SOCHOLDER-W	Optix 1XSOC, Legrand Infineum, Hubbell SOC, FIS Cheetah, FiberFox FOXSOC
2SOCHOLDER-W	Corning Fuselite1, Sumitomo Lynx, Panduit SOC, Belden FX SOC, Commscope SOC, Siemon SOC
3SOCHOLDER-W	Corning Fuselite2, UCL SWIFT SOC
4SOCHOLDER-W	AFL Fuseconnect

## 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; 900um and 250um fiber holders
Dimensions	124(W)*121(D)*121(H)mm
Weight	1.38kg + .34kg (battery weight) = 1.72kg

## Ordering Information

PART NO.	DESCRIPTION
WRX400	WRX400 four motor clad alignment fusion splicer kit
WRX400-FT3X	WRX400 complete kit with FastTrack calibrations