

WRX400H Handheld Fusion Splicer

FTTX Clad Alignment with Touchscreen

The WRX400H handheld active clad fusion splicer is ideal for FTTX/FTTH splicing projects. Small and lightweight, it is easy to carry and can be operated while still in the hard case for splicer techs on the go. Stable performance provided even in harsh environments. Dual touchscreen and keypad operation provided.

Features

- Active clad alignment fusion splicer for FTTH/FTTX
- 4 motors active clad design
- Able to be operated while still in the hard case
- Touch screen and keypad dual operation
- 1s boot up, 7s splicing, 18s heating
- Splice-on connector compatible
- Small size and lightweight, easy to carry



Specifications

Parameter	Value
Applicable Fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655)
Cladding Diameter	80 - 150 μ m
Coating Diameter	160 - 1000 μ m
Typical Splice Loss	SM: 0.02dB, MM: 0.01dB, DS: 0.04dB, NZDS: 0.04dB
Fiber Cleave Length	5-16mm (coating diameter < 250 μ m), 16mm (coating diameter 250-1000 μ m)
Programs	40 groups splicing, 25 groups heating
Operate mode	Automatic/Manual
Automatic Heating	Available
Typical splicing time	7 seconds
Typical heating time	18 seconds for 60mm and 40mm shrinkable sleeves
Fiber magnification	320X (X or Y view), 160X (X and Y view)
Display screen	2 CMOS cameras, 4.3" color LCD monitor, Touch screen display
Records storage	8000 groups data
Loss evaluation	Available
Tension test	>2.2N
Interface	GUI menu interface, easy for operation
Battery	5200mAh Li-battery, typical 250 cycles splicing and heating

Power supply	Adapter, input: AC 220v±30v (50/60HZ), output:DC 12±2V
Electrodes life	More than 4000 ARC discharges, can be replaced easily
Terminal	USB 2.0 port for uploading splicer results and upgrading software
Operating Conditions	Altitude: 0-5000m, Humidity: 0-95%, Oper. Temp.: -25°C~+50°C, Storage Temperature: -40°C~+80°C, Wind speed: Max 15m/s
Dimension	200mm(L) * 123mm(W) * 95mm(H)
Weight	1.66kg (including battery)

Standard Package

No.	Item
1	WRX400H HandHeld Clad Alignment Splicer
2	WRXCL10 Precision Fiber Cleaver with Bin
3	Tri-Hole Stripper
4	2mm/3mm Drop Cable Stripper
5	KS-1 Kevlar Scissors
6	900um Loose Tube Clamp
7	Cleaning Fluid Bottle
8	AC Adapter (Charger)
9	Cooling Tray
10	Spare Electrodes
11	Sweeper Brush & Bristle Brush
12	Hard Case with Strap
13	60mm Splice Sleeves (100 pack)
14	Lint Free 4"x4" Wipes (100 Pack)
15	Screwdriver
16	User Manual



Ordering Information

Part Number	Description
WRX400H	Handheld Active Clad Fusion Splicer Kit with Hard Case