

PHS400 HANDHELD FUSION SPLICER

4 Motor Clad Alignment



DESCRIPTION

PHS400 is a reliable quality fusion splicer special design for FTTH, installation, operation and maintenance of optical fiber. It is widely used in the construction, inspection and maintenance of fiber cable.

FEATURES

- FTTx Last Mile Splicing
- Splicing time < 9s, Heating time <30s
- Zoom in splice images up to 300 times of Magnification (X & Y Images)
- Convenient image storage feature
- Split-screen display capability
- 4.3-inch high-quality LCD screen for simultaneous X and Y view observation
- Versatile multi-purpose fiber holder for splicing 250um, 900um, 2mm, 3mm & Drop Cable
- Lithium battery with 90 splice / heating cycles
- Lightweight design at 1.7kg (including battery)
- Support splice on connector holder



SPECIFICATIONS

Supported Splice Profile	SM, MM, DS, NZDS
Splicing Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return Loss	>60dB
Splicing Mode	Manual, Half Auto, Auto
Fiber Alignment	Cladding Alignment by PAS technology
Applicable Fiber	0.25mm, 0.9mm, 2mm, 3mm and 2 x 3mm Drop Cable
Splicing Time	≤9s
Heating Time	≤30s Auto heating
Cleave Length	8~16mm
Fiber Image/ Magnification	Up to 300x with split screen display
View Display	4.3-inch digital high quality LCD screen
Proof Test	Standard 2N (optional)
Heat Shrinkable Sleeve	60mm, 40mm and serials heat Shrinkable Sleeve
Battery Capacity	90 cycles splicing and heating, 3 hours charging time (Splicing and charging at same time)
Battery Life	Cycling charge 300-500 times, easy to replace battery
Electrodes Lifespan	3000 splices
Power Source	≤20W
Interface	USB port for software update
Construction Lighting	Built in LED Light increase visibility during night operation
Power Supply	Built in lithium battery 11.1V; external adapter, input: AC100-240 V, output: DC13.5V/4.5A
Weight	1.7KG (including battery), 1.2KG (excluding battery)
Dimension (L*W*H)	200mm(L) × 130mm(W) × 98mm(H)
Operating Condition	0~5000m above sea level, Temperature: -10-60°C
Humidity	0 ~ 95%RH (No dew)

Note : Specifications are subject to change without notice

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STANDARD ACCESSORIES

<p>Fusion Splicer</p>	<p>Single Fiber Cleaver</p> <p><i>Economical</i> (OFC-48K-C)</p> <p><i>Basic</i> (OFC-48K-03-C)</p> <p><i>Advance</i> (OFC-48K-06-C)</p>			<p>Carrying Case</p>	<p>Fiber Jacket Remover (FOA-00015C)</p>
<p>Spare Electrodes (ABX-ELCT-PHS400)</p>	<p>Li Battery (ABX-BATT-PHS400)</p>	<p>Power Adaptor (ABX-CHRG-PHS400)</p>	<p>Cooling Tray (ABX-CTRAY-PHS400)</p>	<p>Quick Guide</p>	

ORDERING INFORMATION

Part No	Description
PHS400	Handheld Fusion Splicer Standard Package with Clad Alignment 4 Motor (without Cleaver and Fiber Jacket Remover)
PHS400-01	Handheld Fusion Splicer Standard Package with Clad Alignment 4 Motor inclusive of Economical Single Fiber Cleaver and Fiber Jacket Remover
PHS400-02	Handheld Fusion Splicer Standard Package with Clad Alignment 4 Motor inclusive of Basic Single Fiber Cleaver and Fiber Jacket Remover
PHS400-03	Handheld Fusion Splicer Standard Package with Clad Alignment 4 Motor inclusive of Advance Single Fiber Cleaver and Fiber Jacket Remover

OPTIONAL ACCESSORIES

Part No	Description
AX-48K-CB	Replacement Blade for Cleaver OFC-48K-C
AX-48K-CB-03-06	Replacement Blade for Cleaver OFC-48K-03-C and OFC-48K-06-C
ABX-ELCT-PHS400	Electrode for PHS400 Fusion Splicer
FOA-00029	Fiber Optics Kevlar Cutter

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