

BD-01S fusion splicer



3S Quick Start



Low loss



4.3-inch high-definition
touch screen



7s fast fusion
18s efficient heating

Product Features

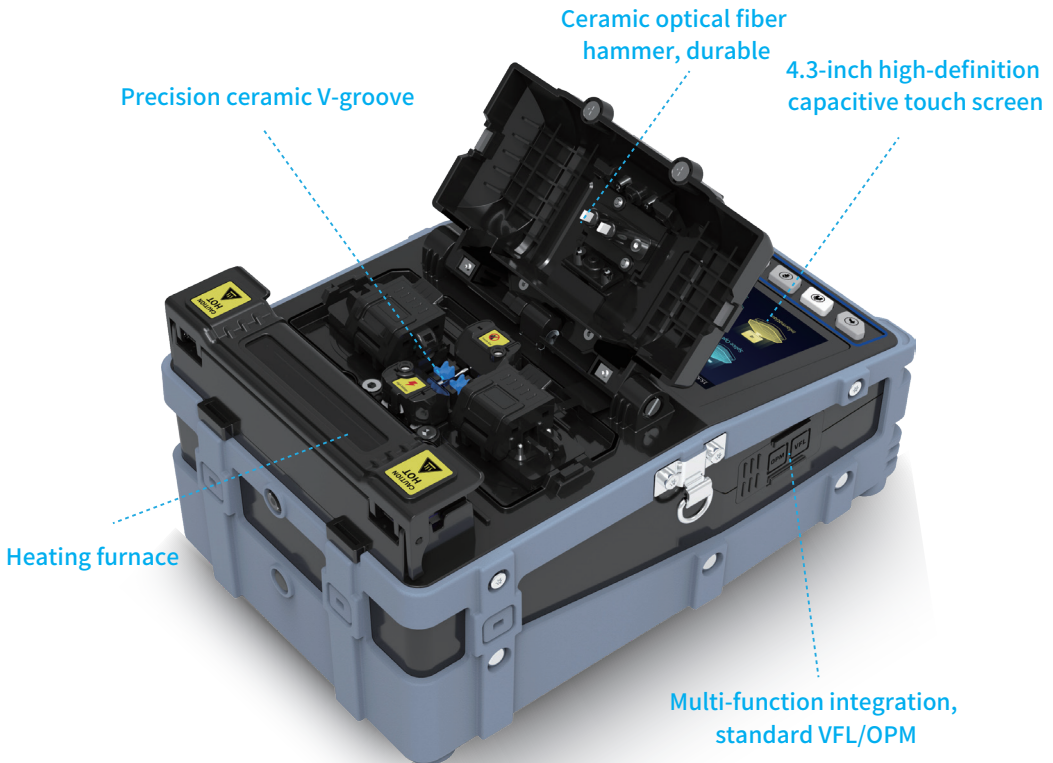
7s Fast Fusion

UI design is full of sense of technology.
More convenient and intuitive

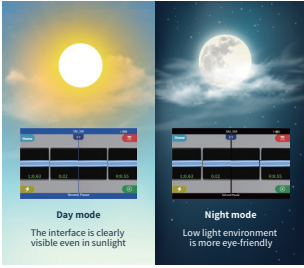
Pass judgment function.
Screen “pass/fail” display.
clear at a glance

Dual theme mode.
Clearly visible in bright light

VFL, OPM optical power function as standard.
Optional Bluetooth,
split-wave OPM rate meter.

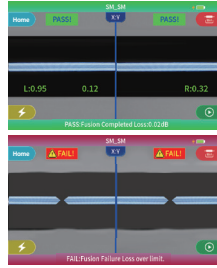


Product Advantages



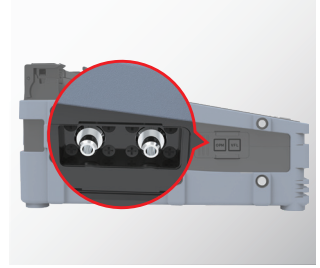
Dual theme mode

Switch between day and night modes at will



PASS/FAIL

The result feedback is clear at a glance



Standard OPM and VFL functions

Optional split-wave OPM

Advanced product performance

01

Start-up heating furnace self-preheating

-20°C can also meet heating needs, and the heating furnace can work normally for more than 60,000 times

02

Five-in-one clamp

Suitable for different types of optical fibers such as single core, leather cable, patch cord, butterfly optical fiber, invisible optical fiber, etc.

03

The movement frame uses high materials

Made of 7075 aviation aluminum material with high precision, corrosion resistance and good hardness, which is more stable and has a longer life than ordinary injection molding process

04

Adjustable core structure

Using precision guide rails that move in both directions with high precision XY

05

Options

Genuine Electrode Warning
Voice Notification of Results (options)
Create Splice Loss from 0.1-15dB

06

Built-in expansion platform

Standard configuration: VFL, OPM, Bluetooth, split-wave power meter can be expanded

Technical indicators

Project	BD-01S
Motor	Cladding Alignment (4 Motors)
Image magnification	320X for X or Y single axis view
Extension modules	Standard configuration: OPM (-50~+26dBm)/VFL (10mW), optional: split-wave OPM
Fixture	Five-in-one multifunctional clamp
Illumination	Dual LED V-groove lighting
Applicable fiber types	Including G651, G652, G653, G655, G657
Fiber cutting length	6-16mm
Splice loss	SM:0.02dB,MM:0.01dB,NZ:0.03dB,NZDS:0.04dB
Discharge electrode	≥5000 times
Splice mode	200 welding program presets
Heating mode	80 preset heating programs
Automatic heating	Support
Welding time	Standard welding time is ≤7 seconds
Heating time	Standard heating time ≤18 seconds
Return loss	≥60dB
Suitable for heat shrink tubing	20~60mm
Pull test	The pulling force is 1.96N~2.1N
Storage	Can store about 1,600 images and 10,000 sets of data
Interface	GUI graphical operation interface, equipped with graphical maintenance navigation function
Battery capacity	5200mAh, typical operating times 340 times
Language	Multiple display languages available for users to choose from
Altitude	Can work at altitudes from 0 meters to 5000 meters above sea level
Temperature	-20°C~+50°C
Humidity	0~95% (no condensation)
Storage conditions	Relative humidity 0~95%, -40~70°C
Power supply mode	AC100~240V, DC10~19V
Boot time	Quick boot in 3 seconds
Show	4.3-inch high-definition capacitive touch screen, dual button/touch control
Port	Type-C, USB2.0 (can be used to export data)
Size & material	208x141x104mm/ aluminum
Weight (including battery)	1550g

Configuration list

Main unit (including battery), special carrying case, high-precision cutting knife, charging adapter, AC power cord, Miller's pliers, wire stripper, instruction manual, calibration certificate, alcohol bottle, brush, air blower, spare electrodes, cooling tray, certificate of conformity / after-sales service warranty card, handy hand strap, backpack strap, small table plate.