Fusion Splicer

FASSER networks

FS-200

Product Specification

Type	FS-200
Motor	4 Motor
Display Magnification	420x
Discharge Correction	Real time Discharge Correction （Manually available)
Extension Module	OPM/VFL/OTDR/10GPON
Clamps	Metal five in one fixture
Backlit Button	Key Backlight design to assist night construction
Fiber Holder	Five-in-one multifunctional fixture, supports SOC options
Applicable Fiber Type	Include G651, G652, G653, G655, G657
Fiber Cut Length	8-16mm
Splice loss	SM:0.02dB, MM:0.01dB, NZ:0.03dB, NZDS:0.04dB
Electrode life	≥5000 times
Splice mode	500 preset welding programs
Heat mode	200 preset heating programs
Automatic heating	Support
Splice time	Standard fusing time 7s, fast fusing mode 6s
Heat time	Standard heating time is 18 seconds, time adjustable
Return loss	≥60dB
Splice protector	60mm, 50mm, 40mm, 30mm, 25mm
Fiber tensite test force	Tensile force is 1.96N~2.1N
Storage	Can store about 2000 images and 20000 sets of data
Interface	GUI graphical operator interface with graphical maintenance navigation
Battery capacity	6200mAh, built-in charging,Supports up to 420 fusion heating cycles
Altitude	Can work at an altitude of 0 meters to 5000 meters
Input/Output	AC100~240V, DC15~19V
Boot time	3 seconds fast boot
Display	5-inch high-definition capacitive touch screen, button/touch dual control
Interface	Type-C , USB2.0(can be used to export data)
Size & weights	150mm*146mm*145mm,1.88kg (with battery)

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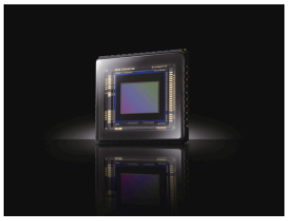
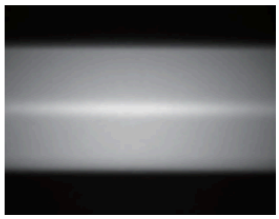


HD Optical Image Acquisition System

HD Fiber Aligner High Performance CMOS Sensor

Lens Imaging Fiber Alignment System

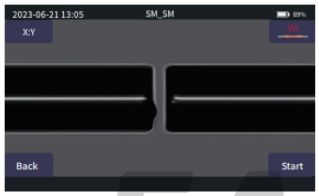
Fast fiber end-face evaluation
Precise fiber alignment



Real-time arc correction system

High-performance discharge electrode current feedback and environmental compensation

High job fault tolerance



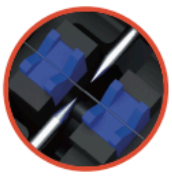
Uneven end face of optical fiber

Fiber fragmentation

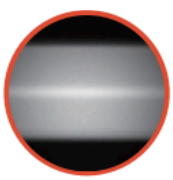
Fiber large cutting angle

This product welding machine uses a unique optical fiber image analysis algorithm, which can identify abnormalities such as uneven end face of optical fiber, fiber fragmentation, fiber objects and large cutting angle, intelligently change the welding parameters, minimize the impact caused by abnormalities, and the typical loss of optical fiber abnormalities can be controlled within 0.04dB, and the success rate of one-time welding can reach more than 98%.

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
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.
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
Adjustable core structure	Using precision guide rails that move in both directions with high precision XY
Industrial grade processor	High environmental adaptability, good reliability and faster speed
Built-in expansion platform	Standard configuration: VFL, OPM, Bluetooth, split-wave power meter can be expanded



Precision ceramic V-groove



Intelligent Arc Control Technology

Multifunctional integrated red light/optical power, etc.

Ceramic Fiber Hammer Durable