



Optiker®



Eroberer®



Voice broadcast
Intelligent broadcast tips

5 inch
HD full touch screen

320X
Image magnification

GLX Multifunctional fiber optic fusion splicer

6 seconds welding
18 seconds heating

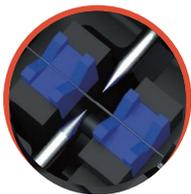
6000mAh large capacity battery

3S instant on

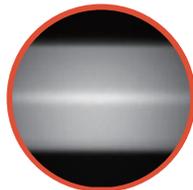
Features

- 320 X image magnification
- 5 inch HD capacitive touch screen
- 6000mAh large capacity battery life
- 500 sets of welding modes, 200 sets of heating modes, 60000 sets of welding records and 6000 pictures
- Voice broadcast function, operation real-time broadcast prompts, improve construction efficiency
- Industrial-grade processor, smooth system operation, simple interface, double touch operation
- Three-in-one multi-functional fixture, suitable for fusion splicing of various fiber types
- Modular design, Bluetooth, WIFI, GPS\OTDR\VFL\OPM\LS\10GPON\Laser ranging, Internet of Things and other functions can be expanded according to user needs

Details display



Precision ceramic V-groove



Intelligent Arc Control Technology



Multifunctional integrated red light/optical power, etc.



Ceramic Fiber Hammer Durable

Product appearance



Waterproof

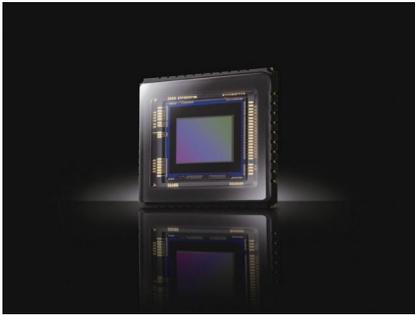


Dustproof



Fall resistance





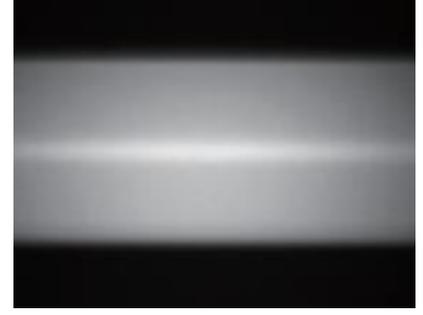
HD Optical Image Acquisition System

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

Advanced product performance

Self-preheating of the heating furnace when starting up

Convenient in colder areas, and can still meet the heat shrinking requirements with quality and quantity

Industrial-grade process

High environmental adaptability, good reliability, backlight buttons, USB lighting, no fear of darkness

Fully autonomous modular design

Reduce the cost of later maintenance accessories and labor costs

Three-in-one fixture

Suitable for many different types: G.652、G.651、G.653、G.654、G.655、G.657

High material used for movement frame

7075 aviation aluminum material with high precision, corrosion resistance and good hardness is used, which is stronger in service life and stability than ordinary injection molding process

Core tuning structure

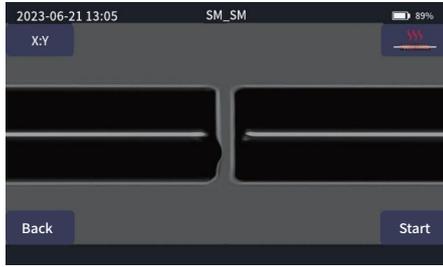
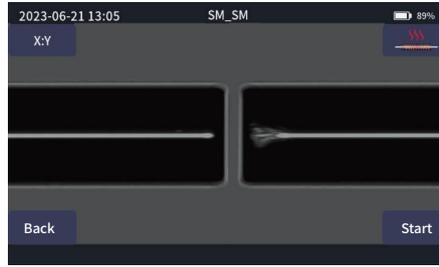
Use the more expensive XY bidirectional moving precision rails



Built-in expansion platform

Bluetooth, GPS, VFL, OPM, LS, OTDR, 10GPON, laser rangefinder, Internet of Things and other functions can be selected according to customer needs

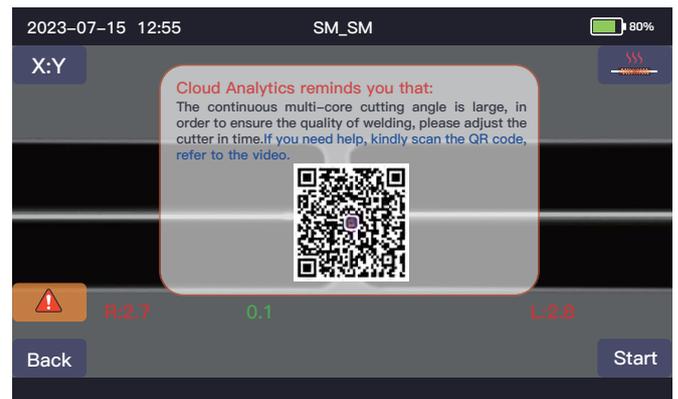
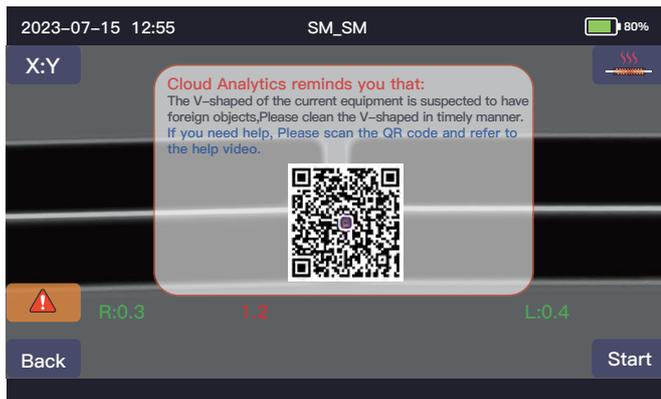



Uneven end face of optical fiber

Fiber fragmentation

Fiber large cutting angle

GLK 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%.

Intelligent status tracking



The system automatically tracks the user's usage, intelligently analyzes the current status of the cutting cleanliness situation of the V-shaped and provides reminder to help users clean the V-shaped and adjust the cutting tool welding quality.

Environment adaptation

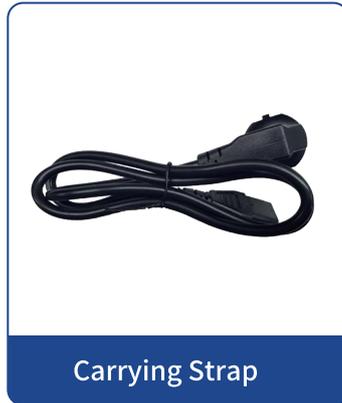


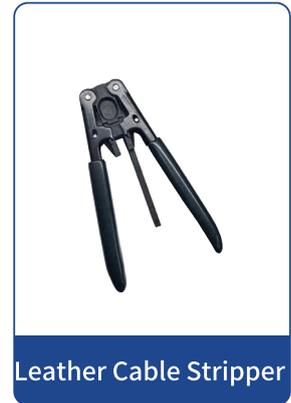
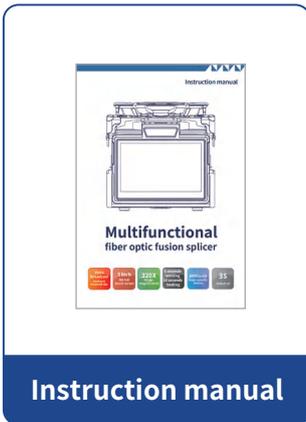
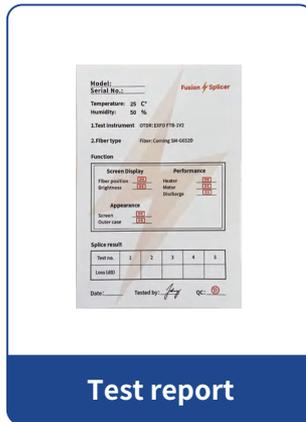
Model	GLX Core & Cladding Alignment with Adaptative System
Motor	Four motors
Image magnification	320X(can be extended 400X)
Discharge calibration	Real time Discharge Correction (Manually available)
Extension Modules (Optional)	OPM/VFL/OTDR/10GPON
Clamps	Three in one multifunctional clamps,Support SOC fixtures(optional)
Backlit buttons	Key backlight design to assist night construction
Applicable fiber type	Including G651、 G652 、 G653 、 G654 、 G655 、 G657
Fiber cutting length	8-16mm
Splice loss	SM:0.02dB, MM:0.01dB, NZ:0.03dB, NZDS:0.04dB
Discharge electrode	≥5000 times
Splice mode	Splice program preset 500
Heating mode	200 preset heating programs
Auto heating	Support
Splice time	Standard fusion time is 7 seconds, fast fusion is 6 seconds
Heating time	Standard heating time 18 seconds ,time adjustable
Return loss	≥60dB
Splice protector	20~60mm, support SOC(optional)
Tensile test	Tension is 1.96N~2.1N
Storage	Can store 6000 images, 60000 groups of data
Interface	GUI graphical operator interface with graphical maintenance navigation
Battery Capacity	6000mAh, built-in charging
Language	Multiple display languages available for user selection
Elevation	Can work at altitudes from 0m to 5000m
Temperature & Wind Speed	-20°C~+50°C ,wind speed 15m/s
Humidity	0~95% (No condensation)
Storage conditions	Relative humidity 0~95%, -40~80°C
Power supply method	AC100~240V, DC15~19V
Start-up time	3 seconds fast boot
Display	5-inch high-definition capacitive touch screen, key / touch dual control
Power output	USB reverse charging/lighting
Port	USB2.0
Size	150mm*146mm*145mm
Weight	1.48kg (Battery not included) , 1.88kg(Battery included)


Multi-functional carrying case

Host (Including battery)

High precision cleaver

AC power cord

Carrying Strap

Miller

Leather Cable Stripper

Instruction manual

Test report

Alcohol bottles

V-groove cleaning tool

Spare electrodes

Charging adapter

**Certificate of Conformity /
Warranty Card**

**Carrying straps,
portable handbags**