AUGUSTOPEREIRA

The future is now

Signal fire

AI-9

AI-8C

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Fiber Fusion Splicers Signal Fire AI-8C AI-9

Signal Fire AI-8C and AI-9 use the latest core alignment technology with auto focus and six motors; it is a new generation of fiber fusion splicers. It´s fully qualified for trunk construction of medium and short distance, FTTH projects, security monitoring and other fiber cable splicing projects. The machines use industrial, fast response quad-core CPU; is currently one of the fastest fiber splicing machine in the market. With 5-inch 800X480 high-resolution screen, the operation is simple and intuitively. With up to 300 times focus magnifications, makes it´s very easy to observe the fiber with naked eyes. The core alignment splicing, have a time of 5 to 6 seconds and time to heating of 15 seconds , the working efficiency increased by 50% compared to ordinary splicing machines. Under conditions of rigorous testing, the performance is still outstanding. The toolbox is small, exquisite, durable, and with unique bench design. The design of operating platform reflects the humanistic care, unique lighting design for convenient night construction or repair. Screen brightness is adjustable, and it is convenient for outdoor sunshine environment operation. The core parts uses imported brands, aviation metal body material with exquisite details. With the combination of advanced technology and design, the new generation of optical fiber fusion splicers will bring you a reliable and comfortable user experience.
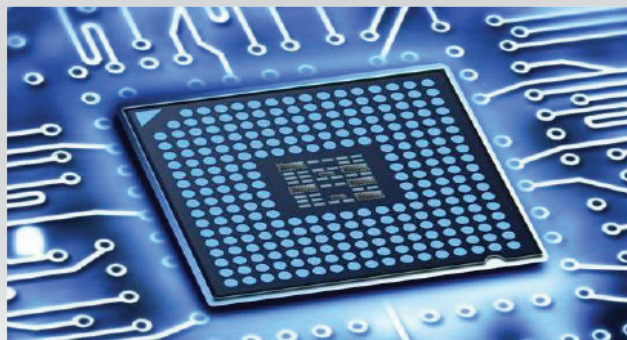
AI-9
Bilt-in Power Meter and VFL

Effectively mesure:
Connection loss, verify continuity and help assess fiber link transmission quality.

VFL:
Always on/Flashing/Off

POWER METER:
850 nm / 1300 nm / 1310 nm
1490 nm / 1550 nm / 1625 nm
6 states

Industrial quad-core chip CPU

Synchronous operation / speed response / no jammed / super experience

Toolbox

Stool can bear: 100 Kg.

Two Layers

Fiber cleaver operation station
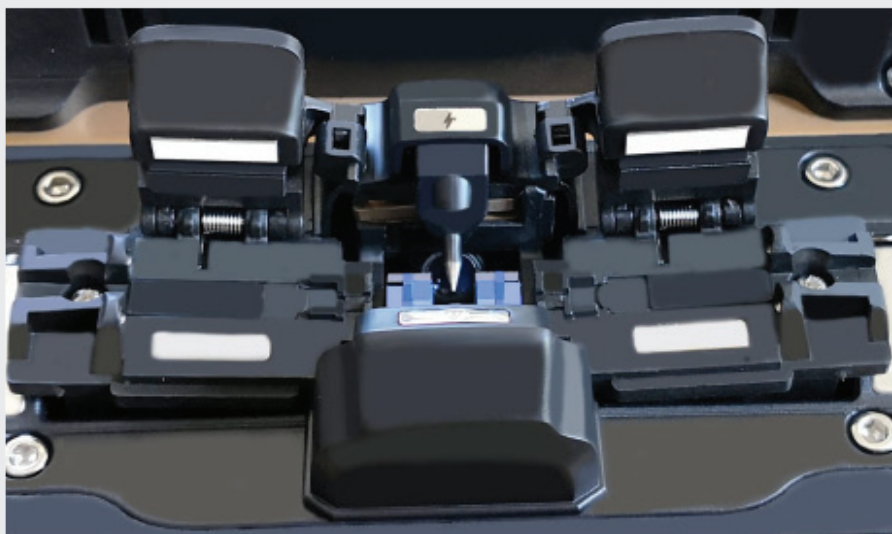
Do not need to take out the splicer machine from the tool box while working

3 in 1 Fiber holder

SM, MM, bare fiber, pigtail, rubber insulated and multi fiber cable.

Lighting for splicing

Convenient for night operation

Can charge the phone

Allows charge mobile phone battery, during outdoor constructions.

The future is now

Accessories in the toolbox

Fiver Cleaver	Spare Electrode	Wire striping pliers	Miler stripper	Hex key	Carrying case
Fiber for ARC calibration	Strap	Power Adapter with lamp and phone charger	Alcohol Bottle	Brush	User's manual Quality Certificate Warranty Card

AI-8C

NEW

AI-9

Ten languages to switch freely

CHINESE ENGLISH FRENCH RUSSIAN ITALIAN PORTUGUESE POLISH SPANISH THAI ARABIC

Basic Parameters

Fiber Alignment	Core / Cladding alignment / Manual alignment
Splicing Time	5 Seconds (AI-9) 6 Secounds (AI-8C)
Heating Time	15 Seconds
Heating Mode	Automatic heating (Preheating
Focus mode	Six motors /(autofocus)
Applicable Fibers	SM (G.652 & G.657) MM (G.651) DS (G.657) NZDS (G.655)
Splice Loss	0,025 dB (SM) 0,01 dB (MM) 0,04 dB (DS/NZDS)
Control Technology	Real time control and calibration of fusion ARC
Return Loss	Better than 60 dB
Fiber diameter	Cladding diameter: 80-150 µm - Coating diameter: 100-1000 µm
Fiber Cleaver length	Coating less than 250 µm: 8-16 mm - Coating less than 250-1000 µm: 16mm
Software update length	Automatically update, update by a key
Boot time	1 Second
Lighting	External - Easy for night operation
Tension test	Standard 2N
Fiber holders	3 in 1 - SM, MM, bare fiber, pigtail, rubber-insulated, multi fiber cable
Magnification	300 for X ot Y view, 150 for X ot Y view
Screen	5-inch TFT color display
Splicing Mode	Normal / High precision splicing
Splicing Method	Fully automatic. Step by step splycing
Splicing record storage	Synchronize to the phone, the server to cloud storage unlimited
Built-in battery	7800 mA high-capacity lithium battery, charging time ≤3,5 hours.
Power supply	Input AC 100-240 V 50/60HZ - Output DC 13,3 V 4A
Operation Conditions	Temperature -15 to +50° Humidity: <95% RH, no condensation
Sherinkable tube	60 mm; 40 mm
Product Protection	Waterproof, dust proof and shock resistent

ONLY IN AI-9

Visual Fault locater	Power: 15mw, 2 Hz Flashing and constantly bright mode
Optical Power Meter	Wavelenght: 850 nm/1300 nm/1310 nm/1490 nm/1625 nm, m.range: -70 ~+ 6 dB