



Specially Designed for
Optical Fibers



FA-66S

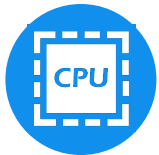
6 Motors Optical Fiber Fusion Splicer

Product Menu



FA-66S

Optical Fiber Splicing Machine



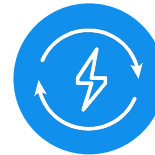
Industrial
quad-core



6 motors



Core
alignment
technology



6 seconds
fast splicing



15 seconds
fast heating



7800 mAh
battery



6 Seconds Splicing and 15 Seconds Heating Time

FASTER SPLICING&HEATING,HIGH QUALITY AND LOW LOSS



average loss less than 0.02dB



Improve work efficiency

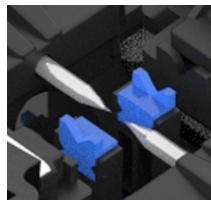


Improve project quality



Product Display

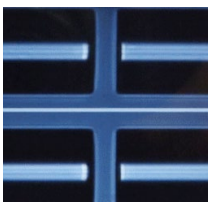
craftsmanship, humanized design, quality from details



High quality tungsten electrode with service life expectancy up to 5000 times



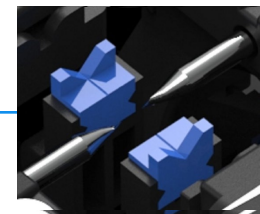
Durable and does not damage optical fibers



5-Inch high resolution screen with 380 times focused magnifications



Higher working efficiency with 15s heating time



V-shaped groove with higher precision



9000 mAh lithium battery with Continuous splicing and heating about 300 times

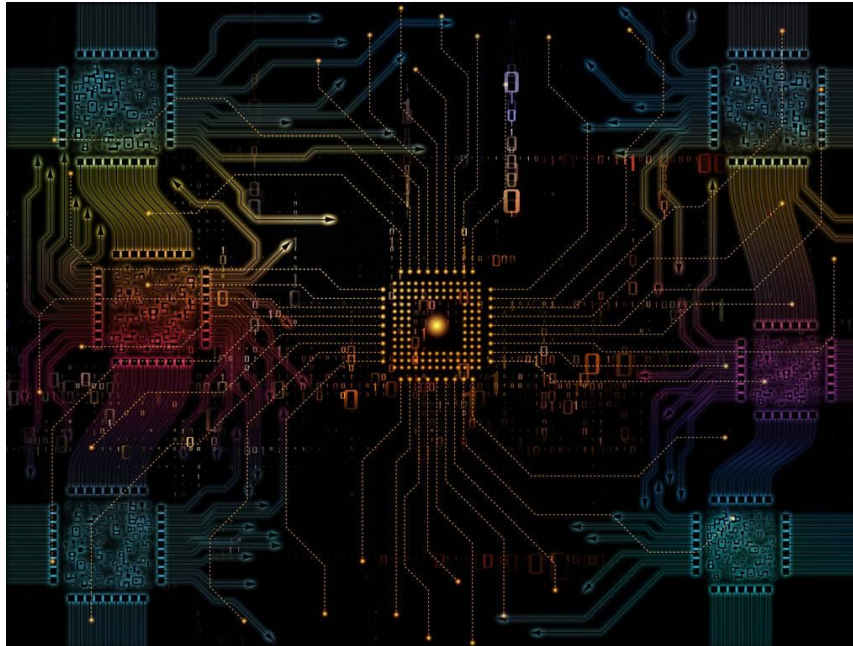
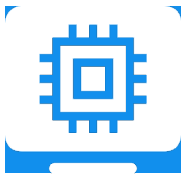


Unique Design with Aesthetic Details

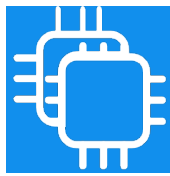


Industrial-grade CPU

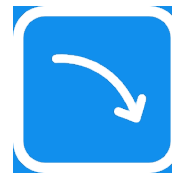
Faster processing speed\Dual CPU with Four Cord



high performance



FPGA+dual cpus
computing



Low power
consumption



boot within 3 secs



Military quality with sturdy structure

High-performance quality assurance



Siemens motors



THK linear guide



Aviation metal fuselage



7800mah Lithium Battery

Temperature protection, Safe and reliable

**support mobile phone
charging**



Outdoor friendly

heating up to 300 times



continuous splicing

**quality IC+TI software
management chip**



more reliable charge
and discharge

easy to replace



Able to charging separately

**adapt to the severe
temperature**



Working -20°C ~ 50°C Degrees
Celsius

**Modified ternary chemical
system**

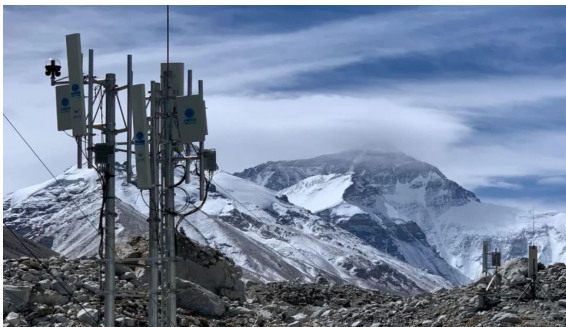


High temperature resistant



Strong adaptability to environment

wind-proof, shock-proof, high-altitude and dust-proof





Wide Application

optical fiber, petrochemical, railway, electric power, military

telecommunications



FTTH
project



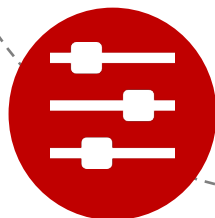
5G base
stations



security
monitorin
g



Network
Connections



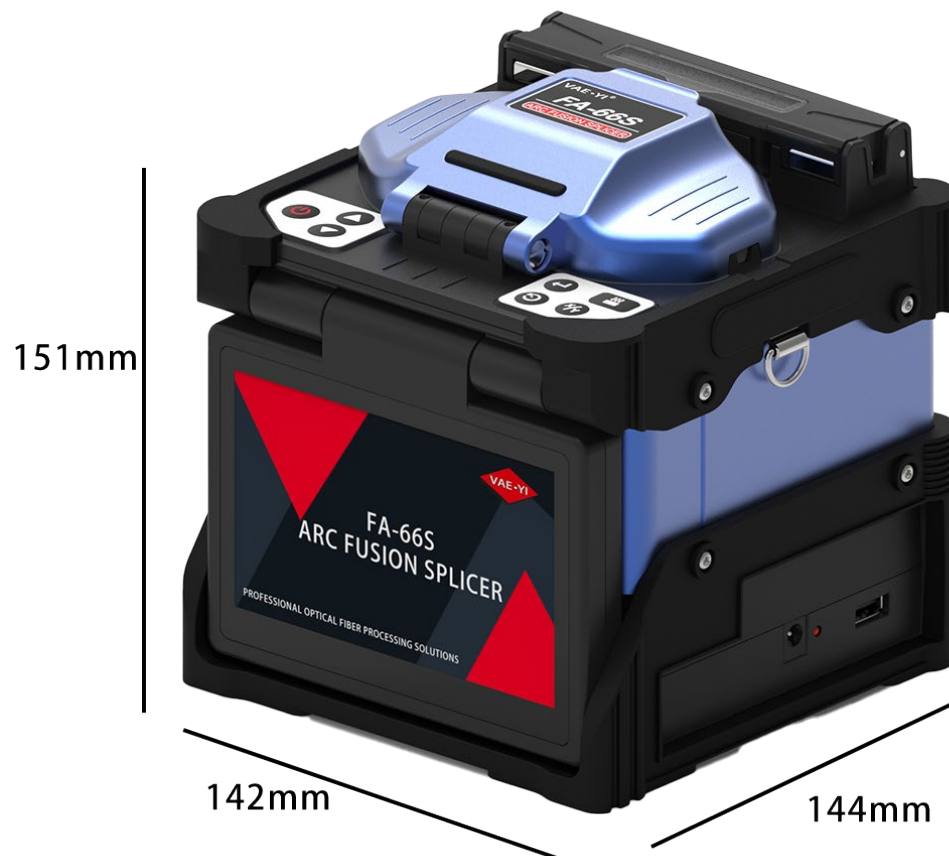
scientific
research





Product Dimensions

Friendly and Quality Design



Aviation metal fuselage, weight 2.2KG



Parameter

CUP	Industrial grade dual CPU with 4 core	Screen	5 inch digital high-quality touch LCD screen
Fiber alignment	Core/cladding alignment/auto-focus	lighting	Built-in high beam lighting
Applicable Fibers	SM(G.652)、MM(G.651)、DS(G.653)、NZDS(G.655)、BIF/UBIF(G.657)	Power supply	Input AC100-240V (50-60Hz), output DC10~13.5V
Fiber diameter	cladding diameter: 80~150 μ m /Coating diameter: 100 μ m~3mm	external interface	DC adapter、USB interface
Fiber Cleave Length	5~16mm	tensile testing	1.96~2.25N
Align Mode	Auto focus	shrinkable sleeve	10mm-60mm
Align Mode	manual/auto	Battery life	7800mAh, 500 cycles splicing and heating
Welding/heating mode	Preset a variety of welding mode and heating mode, can be customized	Electrode lifetime	3000~5000 counts (Recommended)
Average Splicing Loss	0.02dB (SM)、0.04dB(MM)、0.04dB(DSF)、0.04dB(NZDSF)	Communication interface	U-disk automatic software upgrade, Melding data export
Splicing time	6s	opetarating condition	altitude:0~5000m, wind speed:15m/s, temperature:-10~+50°C, humidity:0~95%RH
heating time	15s	resistance	Dust/shock/water
Storage	10000 groups	Storage condition	Humidity: 0-95%,Temperature:-20~50°C,Battery storage: -20-30°C
image magnification	380 times	dimensions	144*142*151 2.2KG



Package Content



**OPTICAL FIBER FUSION
SPLICER**



Miller stripper



Wire stripping pliers



Cleaning brush



Alcohol bottle



User' s manual



Strap



Fiber cleaver



Power adapter



Battery



Spare electrode



About us

VAE·YI is a professional supplier of optical fiber & fiber laser related products, with reliable quality, timely delivery & thoughtful service. The main products series include Fiber Stripping, cleaning, cleaving, Fiber Splicing and Testing Products, etc.

VAE·YI is a high-tech enterprise, located in Nanjing, Jiangsu. VAEYI has over 10 years fiber optic & fiber laser related products developing, producing and selling experience. With excellent rich-experienced experts and well-trained marketing team, adopting modern production management system.

Today, the fiber optic and fiber laser industry experiences a widespread adoption of what used to be a specialized technology. As a result, the versatility, cost-effective, durable, easy-operating and stable of fiber optic and fiber laser products have become increasingly important.

VAE·YI has consistently delivered outstanding and professional fiber optic solutions to cater to the industry's requirements, and we are committed to upholding this tradition today.