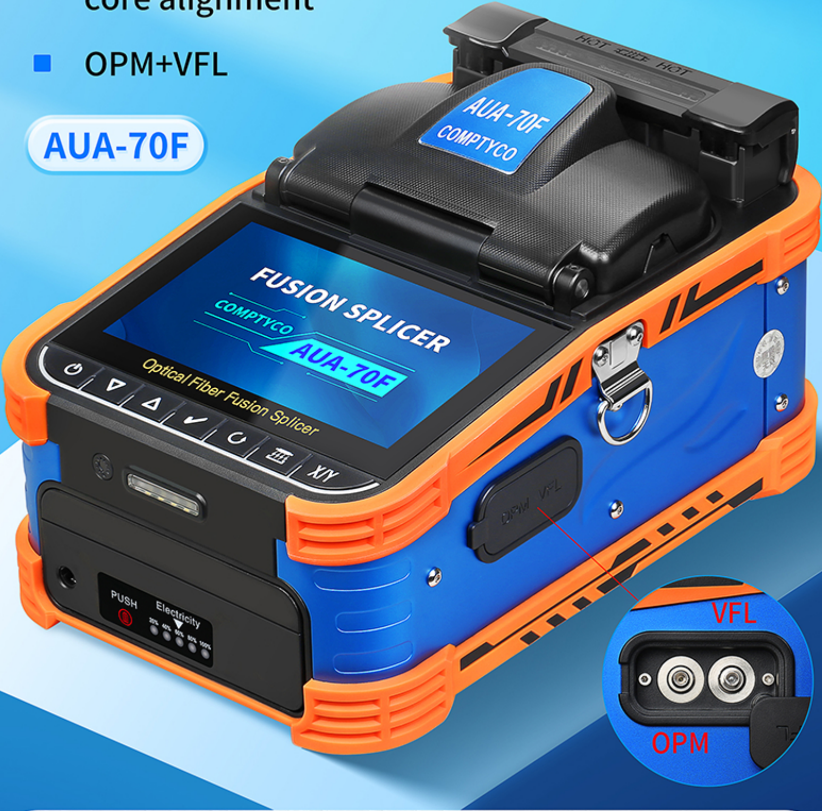
fully automatic fusion splicer

- 6 motor fiber core alignment
- OPM+VFL

AUA-70F


HOT HOT
AUA-70F
COMPTYCO
FUSION SPLICER
COMPTYCO
AUA-70F
Optical Fiber Fusion Splicer
X/Y
PUSH
Electricity
20%
40%
60%
80%
100%
OPM VFL
VFL
OPM

Integration of multiple functions

○●○

5-inch HD touch screen

7800mAh Large capacity battery

6 motors

8-second fusion splicing

18 second heating

Three in one fixture

Built in VFL/OPM

LED light

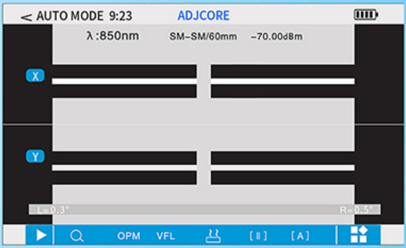
5 inch HD touch screen

300 times focused real-time magnification,
Welding loss/cutting angle, clear at a glance

HOT
HOT
Sleeve Position

AUA-70F
COMPTYCO
< AUTO MODE 9:23
SUCCESS
λ :850nm
SM-SM/60mm
-70.00dBm
0.0000nW
X
Y
L=0.3°
0.00dB
R=0.5°
OPM
VFL
[II]
[A]
Optical Fiber Fusion Splicer
X/Y
PUSH
Electricity

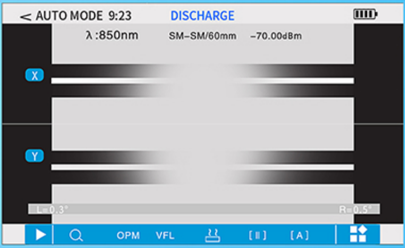
Real-time display of welding process



< AUTO MODE 9:23 ADJCORE

λ :850nm SM-SM/60mm -70.00dBm

X
Y
L=0.3°
R=0.5°
OPM
VFL
[II]
[A]

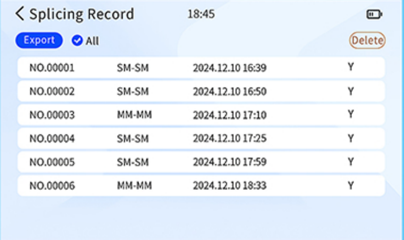


< AUTO MODE 9:23 DISCHARGE

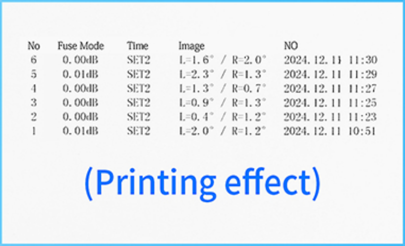
λ :850nm SM-SM/60mm -70.00dBm

X
Y
L=0.3°
R=0.5°
OPM
VFL
[II]
[A]

Welding data can be stored, exported, and printed (1000 sets)


< Splicing Record
18:45
Export
All
Delete

NO.00001	SM-SM	2024.12.10 16:39	Y
NO.00002	SM-SM	2024.12.10 16:50	Y
NO.00003	MM-MM	2024.12.10 17:10	Y
NO.00004	SM-SM	2024.12.10 17:25	Y
NO.00005	SM-SM	2024.12.10 17:59	Y
NO.00006	MM-MM	2024.12.10 18:33	Y



No	Fuse Mode	Time	Image	NO
6	0. 00dB	SET2	L=1. 6° / R=2. 0°	2024. 12. 11 11:30
5	0. 01dB	SET2	L=2. 3° / R=1. 3°	2024. 12. 11 11:29
4	0. 00dB	SET2	L=1. 3° / R=0. 7°	2024. 12. 11 11:27
3	0. 00dB	SET2	L=0. 9° / R=1. 3°	2024. 12. 11 11:25
2	0. 00dB	SET2	L=0. 4° / R=1. 2°	2024. 12. 11 11:23
1	0. 01dB	SET2	L=2. 0° / R=1. 2°	2024. 12. 11 10:51

(Printing effect)

10 languages can be switched

Chinese

English

Russian

French

Thai

Ltalian

Portuguese

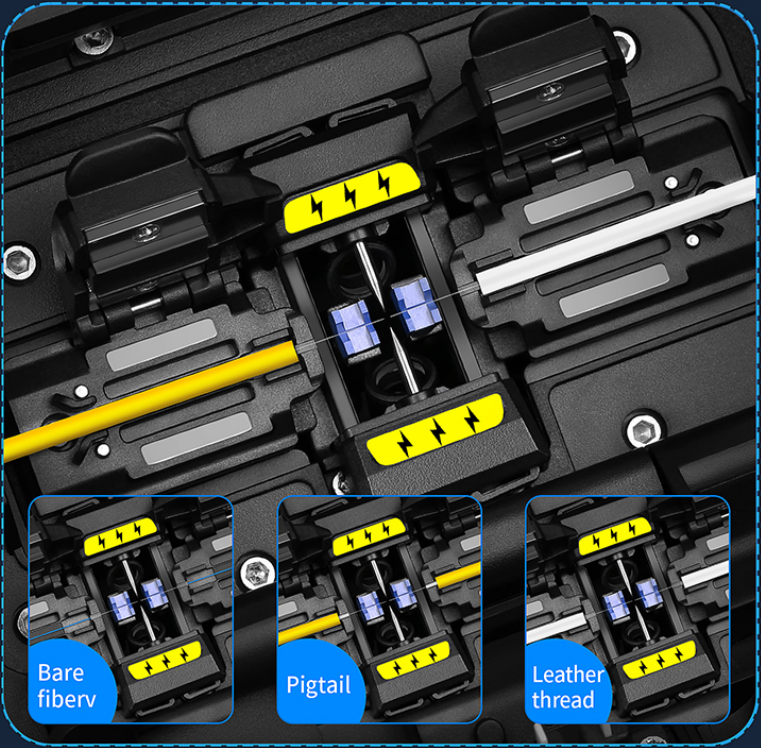
Spanish

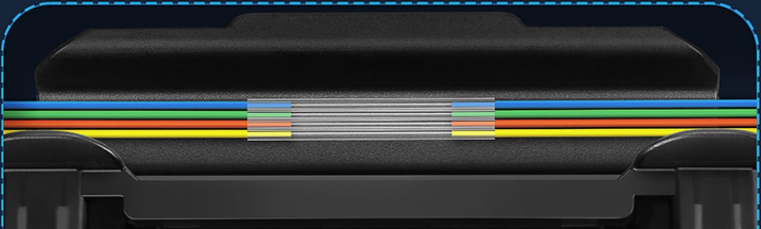
Polish language

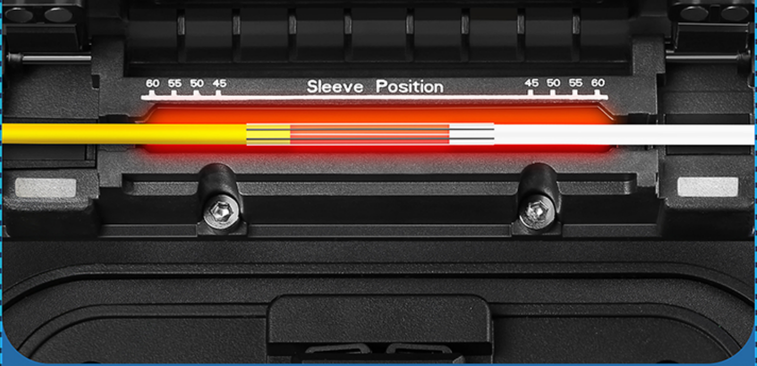
Arabic

Automatic welding/heating

8 seconds welding, 18 seconds heating, heating time/temperature can be adjusted


Bare fiberv
Pigtail
Leather thread




60 55 50 45
Sleeve Position
45 50 55 60

Heating tank/ cooling rack

The heated optical fiber can be placed,Cooling is carried out on the cooling rack.

Note: When the electrode needle is used for nearly 3000 times, The welding loss will increase, so it is necessary to replace the electrode needle, otherwise the welding index will be affected

Built in VFL+OPM

Support for 10 wavelengths, optical power support for self-calibration,Large-capacity storage
VFL≈15km

AUA-70F
COMPTYCO
Optical Fiber Fusion Splicer
Optical Power Meter
OPM Control
Data
-70.00dbm 0.0000nW
CAL
REF
SAVE
OPM VFL
PUSH
Electricity

Flip the screen 180 °

Reversible operation, the machine comes with LED function,which is convenient for normal work in dark environment

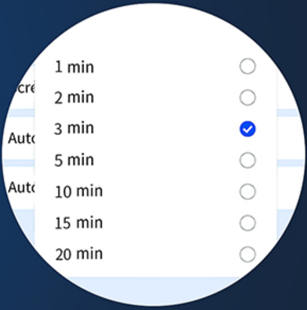
ght Ness
Display Roate
AUA-70F
COMPTYCO

Upgrade
SystemInfo
Display Roate
Password
Bright Ness
Time and Language
Notice Sound
LowPower
Warning Sound
Screen and Sound
Touch Sound
System Setting
18:45
Optical Fiber Fusion Splicer
X/Y
Electricity
PUSH
20%
40%
60%
80%
100%

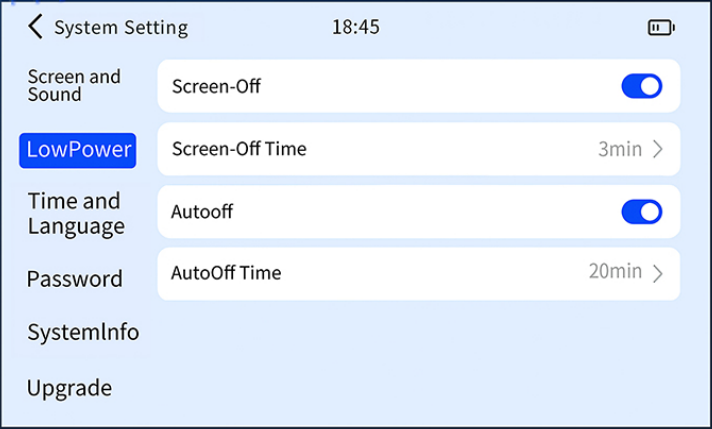
Power saving mode

Can set screen off and automatic shutdown time (1-20 minutes)

1
2
3
5
10
15
20


Scre
Auto
Auto

1 min ○
2 min ○
3 min ●
5 min ○
10 min ○
15 min ○
20 min ○



System Setting 18:45

- Screen and Sound
- **LowPower**
- Time and Language
- Password
- SystemInfo
- Upgrade

Screen-Off ●

Screen-Off Time 3min >

Autooff ●

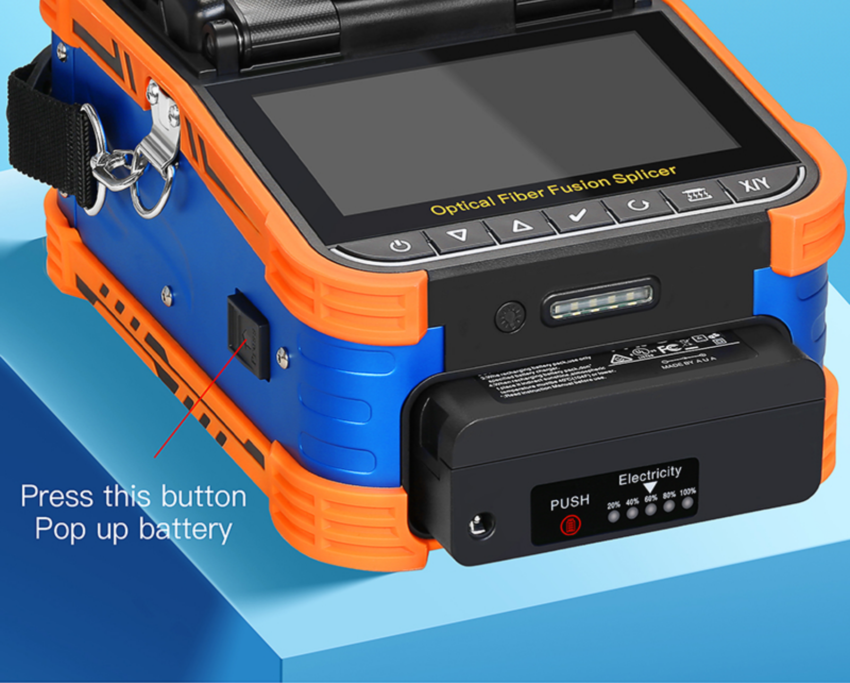
AutoOff Time 20min >

7800mAh large capacity battery

Fully charged, weldable/heated about 260 times

The USB interface can be reversed to charging mobile phones and other devices

USB Interface
HOT HOT
AUA-70F
COMPTYCO


Optical Fiber Fusion Splicer
X/Y
Electricity
PUSH
20%
40%
60%
80%
100%

Press this button
Pop up battery

Password lock screen

Customizable
password,
To prevent theft

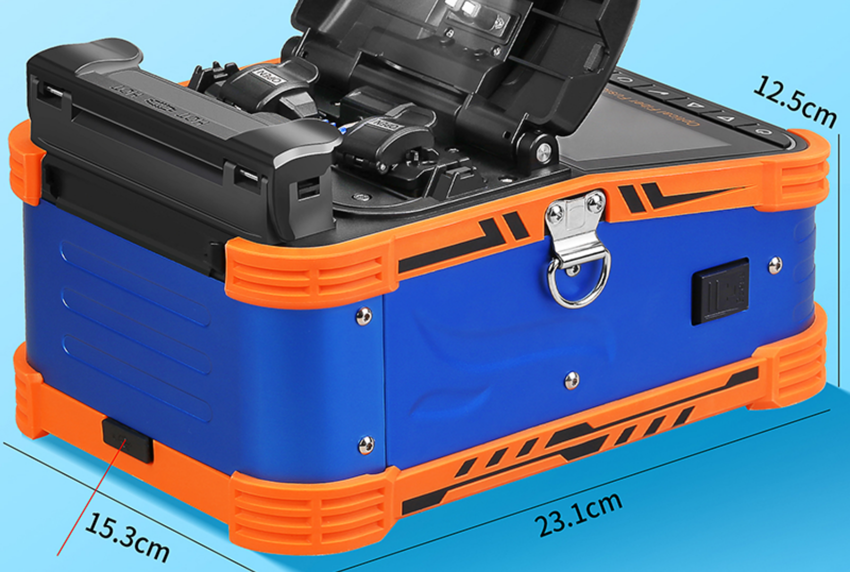
HOT
HOT
AUA-70F
COMPTYCO

System Setting
18:45
Screen and Sound
LowPower
Time and Language
Password
Systeminfo
Upgrade
PowerOn Password
Please Input
1 2 3
4 5 6
7 8 9
0
Optical Fiber Fusion Splicer
X/Y
OPM VFL
PUSH
Electricity

The rental function is optional and can be customized to set the rental duration and password in a loop (note: duration and password can be set each time)Set it differently to make machine leasing more flexible and secure! To activate this feature, please contact the merchant.

Product parameters

Fusion welding lighting


12.5cm
15.3cm
23.1cm

USB interface
(export data/Function upgrade/power output)

--technical parameter

Suitable for optical fiber	SM(G.652&G.657)、MM(G.651)、DS(G.653)、NZDS(G.655) And customizing fiber types
Fiber diameter	The diameter of the coating layer is 80-150 μ m, and the diameter of the coating layer is 100-1000 μ m
Splice loss	0.02dB (SMF)、0.01dB (MMF) 0.04dB (DSF/NZDS) Measurement using ITU-I shear method
Alignment method	Fiber core, cladding
Focusing method	Six motor automatic focusing
Welding method	Fully automatic/semi-automatic/manual
Welding time	8s (SMF typical value)

Tensile test	1.96N ~ 2.1N
Image display	5.0-inch high-definition capacitive touch screen, dual button/ touch operation, content can be flipped and operated in both directions
Magnification factor	300 times (X-axis/Y-axis)
Welding record	1000 sets
Typical heating time	18s
Heating mode	Heating time/temperature can be adjusted, supporting automatic or manual heating
Heat shrink tubing sleeve	20-60mm
OPM	Range (dBm): -70 to+10dBm/wavelength 850-1650mm (10 bands)
Red light(VFL)	⩾15 km
Operation interface	GUI graphical user interface
System upgrade	USB(Export data, upgrade functions, power output)
Electrode lifespan	About 3000 times
Lighting method	LED
Battery capacity	7800mAh（Typical number of welding and heating operations 260 times ）
Power supply	Built in lithium battery with 11.8V power supply, charging time of about 3.5 hoursExternal adapter, AC100~240V, 50/60HZ output DC13.5V/4.81A
Work environment	Temperature: -15~+50 ℃/Humidity: ⩽ 90% RH (non condensing)/altitude: 0-5000m/wind speed: ⩽ 15m/m
Storage conditions	Temperature: -40~+50 ℃/Humidity: 0-95%
Welding machine size	Length x Width x Height(231 × 153 × 125mm)
Weight of fusion splicer	1928g (including battery), 1431g (excluding battery)

--The data is for reference only, please refer to the actual product!

Product standard configuration

FUSION SPLICER

AUA-70F
COMPTYCO
Optical Fiber Fusion Splicer

FIBER CLEAVER
COMPTYCO
K1
MADE IN CHINA

Toolbox

Fusion splicer

Fiber cleaver(Hot melt cold welding)

3-port fiber stripping forceps

Leather wire stripper

Spare electrode rod (one pair)

FIBER CLEAVER

Anti-falling bag

Hand strap/ shoulder strap

Power cord (Optional connector)

Power adapter

Fiber Cleaver operations area

Alcohol bottle (empty)

Brush/ balloon blowing

COMPTYCO
AUA-Y1
Cleaning Platform
Wipes
Chiffons
Paños
150 Wipes

Airlaid paper

Calibrating optical fiber

Fiber optic cooling rack

Heat shrinkable tube *100 PCS

Heat Shrink Tubing for Leather Wires*50pcs

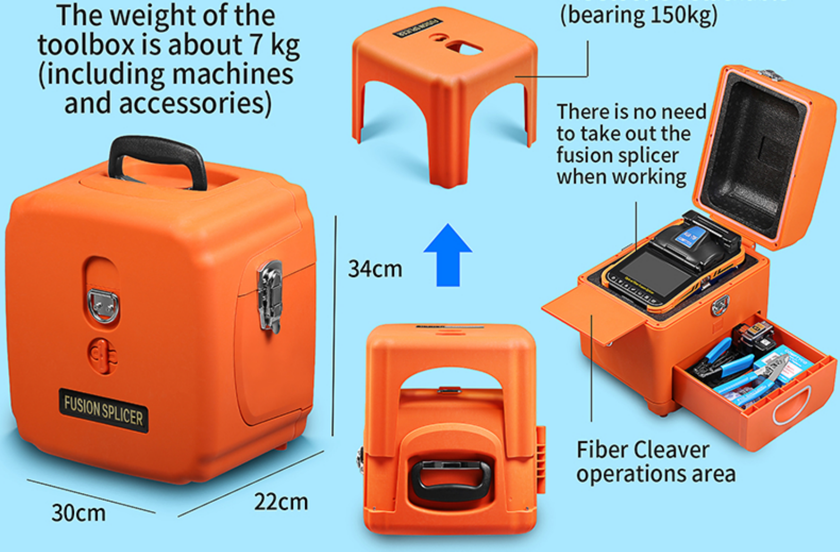
Protection box * 10 pieces

Fiber optic fusion splicer
Operation manual

Instruction/ warranty card/ Certificate/checklist

Toolkit Description

The weight of the toolbox is about 7 kg (including machines and accessories)


FUSION SPLICER
34cm
30cm
22cm

The stool is detachable (bearing 150kg)

There is no need to take out the fusion splicer when working

Fiber Cleaver operations area

DON'T FOOTMARK
OPTICAL FIBER FUSION SPLICER
OPTICAL FIBER FUSION SPLICER
MODEL:
WEIGHT:
SIZE: 33.5 X 23.8 X 32.5 cm
MADE IN CHINA
5
32.5cm
33.5cm
23.8cm

Total weight: about 7.6kg