TFN

Dramatic increase in fusing performance

# Fiber Optic Fusion Splicer M1

Four motor high performance fiber optic welding machine

M1

TFN
M1
FUSION SPLICER

TFN®
M1
ARC Fusion Splicer
Yz Technology CO., Ltd

## ARC FUSION SPLICER

M1

- Efficient Welding
- Fully Automatic Connection
- Three-in-one Fixture

Dual Mode of Operation

High-capacity Lithium Batteries

Fully Equipped Tools

M1

# Real-time observation of fully automated splicing

01 Extremely Fast Fusion Welding

02 Convenient and Fast

03 Stable Performance

L=1.0°
R=0.5°
熔接结束
03:59Pm
熔接模式:SM Auto
加热模式:60mm
菜单
复位
始
X
L=1.0°
R=0.5°
熔接结束
统维护
系统信息
熔接选项
工作

# Extreamely fast fusion welding RAPIDLY increasing efficiency

**5''**

Extremely fast fusion welding

**0.01dB**

Losses as low as 0.01DB

**4Motors**

4-motor core alignment

# Efficient heating
# Uniformity of heating

**15"**

Extremely fast
fusion welding

**V GROOVE**

Uniform and
fast heating

60 50 45
45 50 60

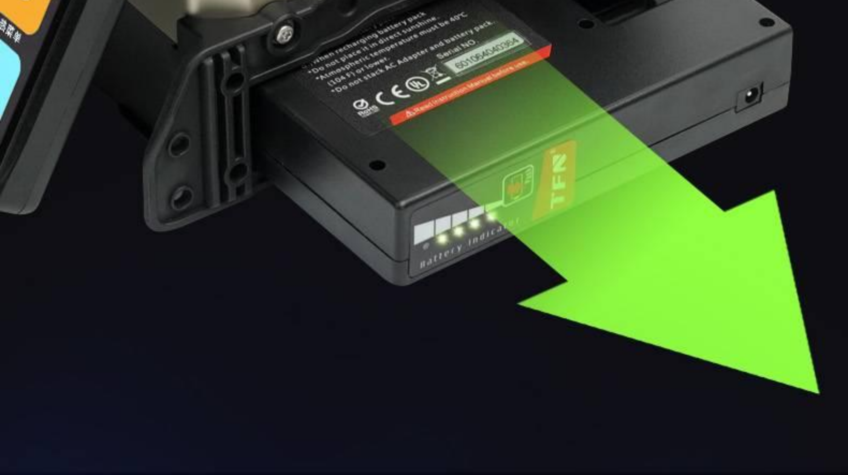
# High volume
# Pluggable lithium battery

**180次**
Number of fusion splices

**5200mAh**
Battery capacity

**Electricity Monitoring**
Real-time power monitoring

TFN
M1
FUSION SPLICER
ARC
X/Y
HEAT
RST
SET


Battery indicator
TFN

# Dual mode of operation

Meet the operating preferences
of different work groups

熔接记录
功能设置
系统维护
系统信息

Touchscreen Operation

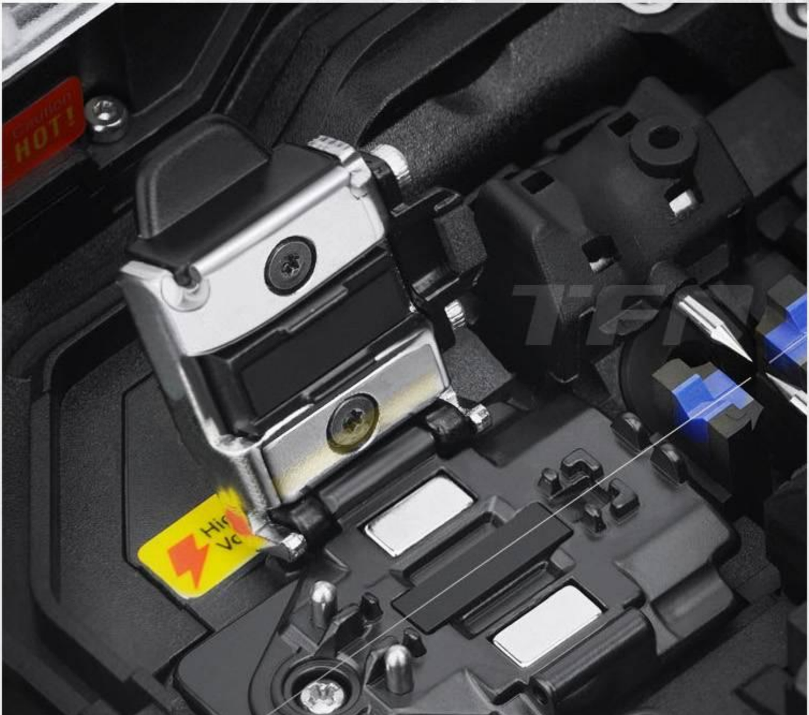
ARC
X/Y
HEAT
RST
SET

Physical Keypad Operation

# Three-in-one functional fixture

Leather cable/ pigtail/ bare fiber in one set

No need to change fixtures

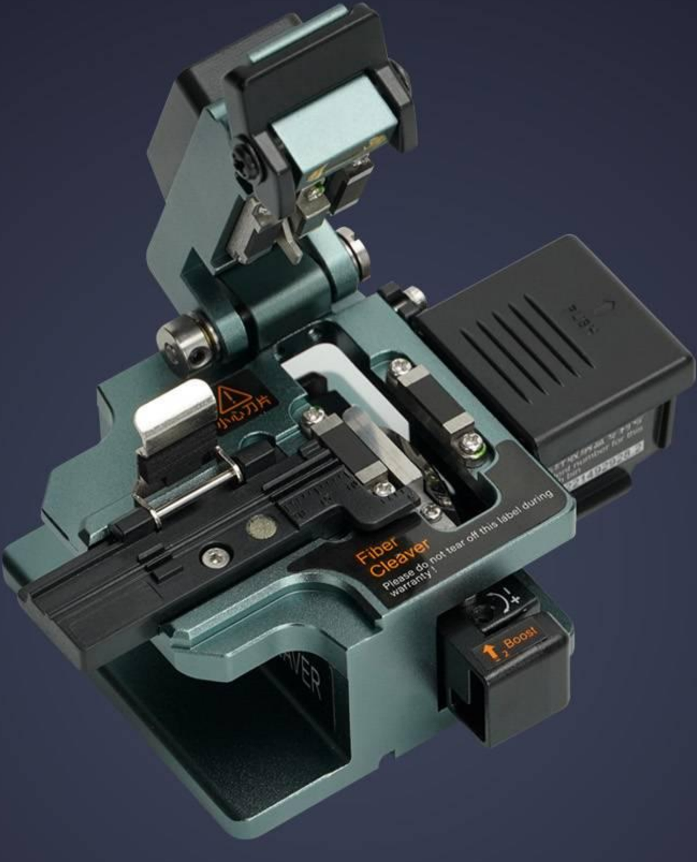

Caution
HOT!

Bare Fiber

Pigtail

Leather Cord

# Original cutting knife


小心刀片
Fiber
Cleaver
Please do not tear off this label during warranty!
Boost

Fiber Cleaver

TFN
M
Boost
尾纤收纳盒专利号
Patent number for this trash bin
202221492928.2
CAUTION
当心伤害

# Product Parameters

- **Pseudolaric Acid：** Four motor fiber optic fusion splicer
- **Return Loss：** M1

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- **Return Loss：** ⩾60DB
- **Tension Test：** 200gf (standardized)

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- **Welding Procedure：** ⩾60DB
- **Heat Shrink Tubing：** 200gf (standardized)

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## Applicable Fiber Optics

SM (single mode), MM (multimode),
NZDS, EDF, pigtail, skinned wire

## Operating Environment

Temperature -10~+50°C, Humidity 0~95%RH
(no condensation), Altitude 0~5000M

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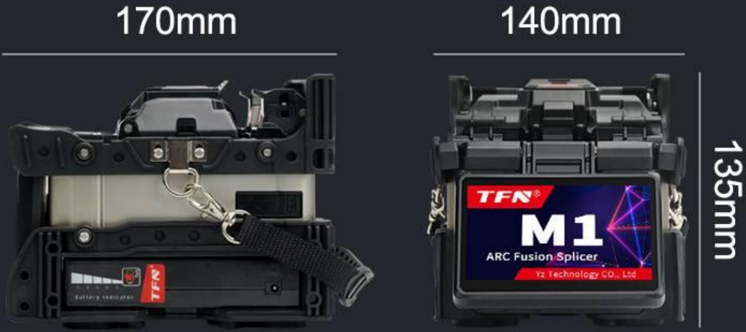
## Operating Power

AC adapter: Input 100~240V 50/60HZ
Output (DC) 12V 5A

## Actual Average Loss

0.02dB(SM)、0.01dB(MM)、0.04dB(NZDS)
0.04dB(EDF)


170mm
140mm
135mm
TFN
Battery indicator
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# M1

List of Specialized Gifts

①

②

TFN
Fiber Cleaver
M1

③

④

⑤

⑥

⑦

1310 nm CW
Lo
-70.00 dBm
REF
LED
LIGHT
dB
λ
Optical Multi-meter

⑧

⑨

⑩

⑪

12

13

14

15

① Miller's Pincers ② Cutting Knife ③ Kevlar Scissors ④ Leather Wire Pliers ⑤ Red Light Pen

⑥ Grinder ⑦ Optical Power Meter ⑧ Carrying Ba ⑨ Screwdriver Set ⑩ Cleaning Brushes

⑪ Air Blow ⑫ Alcohol Jug ⑬ Cleaning Cotton ⑭ V-groove Swabs ⑮ Heat Shrink Tubing

# Product Showcase

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SET
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03:59PM
熔接模式:SM Auto
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菜单
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开始
L=1.0°
R=0.5°
ARC Fusion Splicer

TFK
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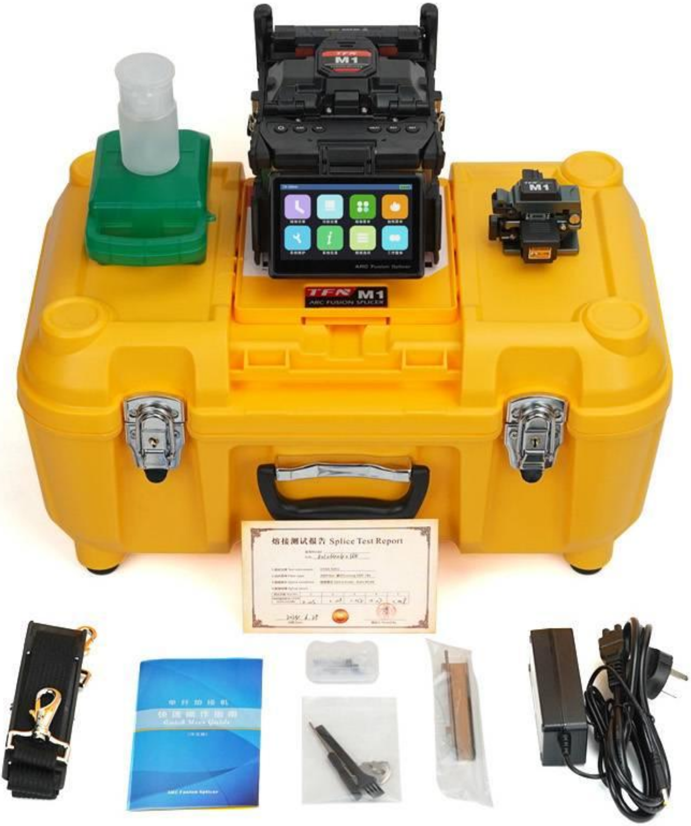
开始
ARC Fusion Splicer

TFN
Battery indicator


TFN M1
ARC Fusion Splicer
M1
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ARC FUSION SPLICER
熔接测试报告 Splice Test Report
ARC Fusion Splicer