



INTELLIGENCE
OPTICAL FIBER WELDING MACHINE

TFN S7

Intelligent Optical Fiber Fusion Splicer

Six-motor Core Alignment /
Long-Distance Mainline Model



FUNCTION

=

LONG-DISTANCE
TRUNK LINE

—

APPLY TO
VARIOUS ENGINEERING FIELDS

+



5-inch HD
screen



High precision
alignment

Mao

6-second
fusion



Ultra low loss



Large Capacity
Lithium Battery



Three-in-one
fixture

Long-distance Trunk Line

Applicable to various engineering fields

It is better because it is
professional



▲
100km trunk
line



▲
Provincial Trunk
Line



▲
Base station
repair and
maintenance



▲
Data Center
signal



INTELLIGENCE
USER INTERFACE

Intelligent UI User Interface

5.0-inch color touch screen
Clearer Interface





ALL AROUND
FALL PREVENTION

Material Upgrade All Around Anti-fall

Rubber protective cover

Buffer external force without damaging machine

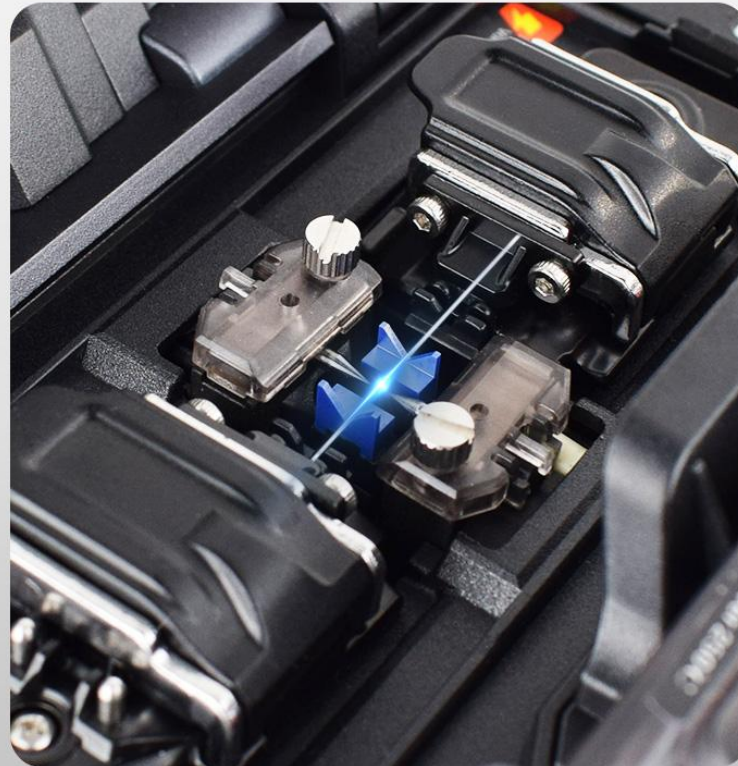




EFFICIENT
FUSION WELDING

Efficient Fusing

Fully automatic pushing 6-second fusion
High-speed precision core alignment





HIGH SPEED
HEATING TANK

V-shaped Heating Tank

12-second fast heating

Improve work efficiency





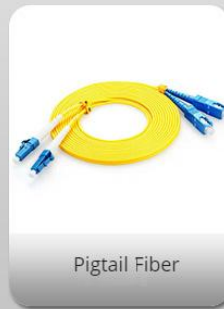
THREE IN ONE
FIXTURE

Three-in-one Universal Fixture

—
Meet various engineering types



Leather Thread



Pigtail Fiber



Bare Fiber



HIGH-CAPACITY
LITHIUM BATTERY

Super Long Battery Life

5200mAh large capacity lithium battery
Fusing up to 240 cores

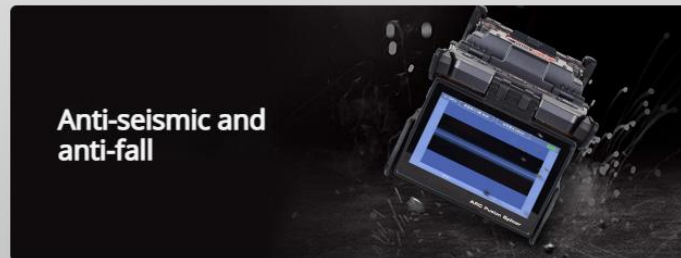




ADAPT
PERFORMANCE

Strong Environmental Adaptability

Rainproof/Dustproof/Anti-seismic and Anti-fall





HIGH-POWER
WHITE LIGHT

High-power LED White Light

Night operation--More worry-free





OPTICAL FIBER
CUTTER KNIFE

High Precision Fiber Cutting Knife

Improved efficiency. Once successful, no rework is required.



Automatic
return knife



Three-in-one
fixture



Imported
blade



SPECIFICATIONS
PARAMETER

Product Specifications

Lightweight design, easy to carry



Average fusing loss	SM(0.02dB)/MM(0.01dB)/DS(0.04dB) /NZDS(0.04dB)/G657(0.02dB)
Return loss	>60dB
Fusing time	SM standard welding time 7S/SM, SM FAST mode: 6s
Battery life	Discharge 5000 times
Applicable optical fiber type	SM(ITU-TU.625), MM(ITU-TG.653), NZDS(ITU-T.655), G657A, G657B 0.25mm,0.9mm,2.0mm,2.4mm,3.0mm,FLAT(indoor cable)
Optical fiber placement and cutting angle	Coating layer: 0.125-1mm/Cutting length: 8-16mm
Optical fiber alignment mode	Focusing core alignment
Heater suitable for Heat Shrinkable tube	4.mm,60mm,SOC-3.0.SOC-0.9
Typical heating time	20s,10-900s optional/high precision mode 7 seconds
Fusing mode	Default 41 welding modes, 100 modes can be stored
Welding result storage	Store 2,000 latest records internally
Battery welding and heating times	The typical number of times is 240 (weiding + heating)
Observation and display mode	Dual cameras, 5-inch color HD LCD
Optical fiber amplification and display	X,Y,X/Y, double-click 500X
Power supply	Alternating current 100-240V input or direct current 9-14v

Product Display

Meet your needs



Configuration List

