Foshan Tumtec Communication Technology Co., Ltd.
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Foshan Tumtec Communication Technology Co., Ltd.

tumtec®

Thumbs-up
Technology

Contents

ABOUT US

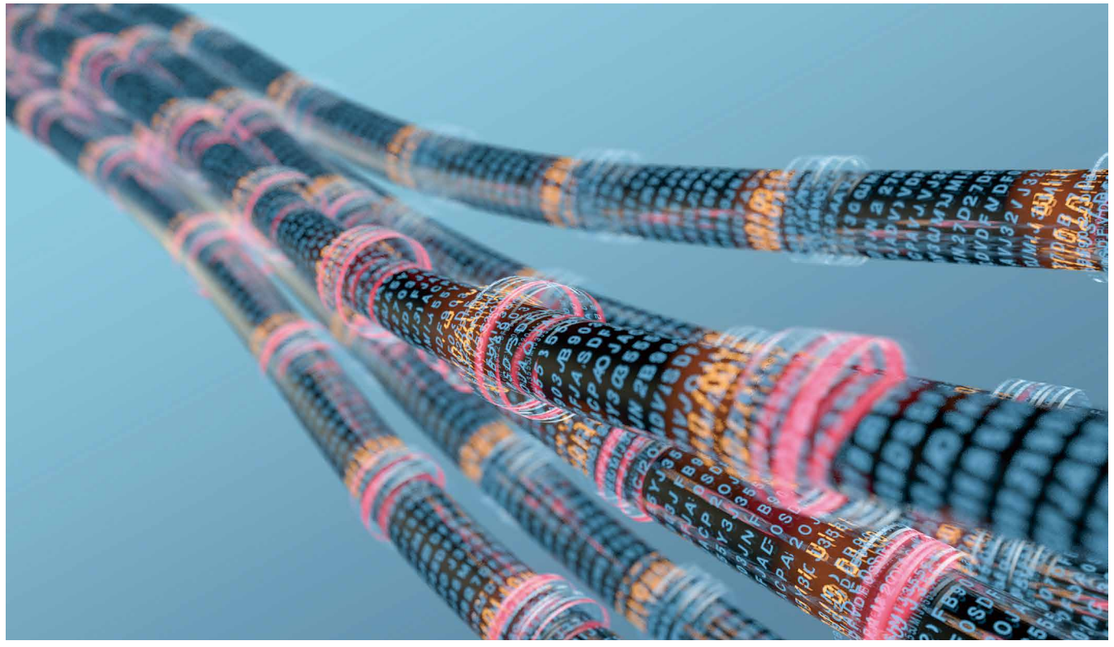
Foshan Tumtec Communication Tech.Co.,Ltd which has been devoted to communication industry for 15 years, is a high-tech company specializing in the development and production of optoelectronic communication equipment like fusion splicers and fiber cleavers. Combing with advanced global technology, Tumtec R&D and produces fusion splicer and fiber cleavers with a strong independent R&D team.

Tumtec is one of the most complete kinds of fusion splicer manufacturer, owning different kinds of fusion splicer, covering long distance backbone fusion splicer (core to core with six motors), trunk core to core fusion splicer, and specialized fusion splicer for FTTH. Tumtec has developed into the industry benchmark of fusion splicer & fiber cleavers and become a well-known professional manufacturer in China.

Insisting on the principle of Independent Innovation, Tumtec Create, Tumtec provides excellent products and service for global clients. One Line One City, Splice the Whole World, Tumtec wishes to win-win cooperation and building future together.

BRAND CULTURE

Thumbs-up Technology



FOUNDER SAID

A FLOURISHING

In the 1990s, China's Reform and Opening-up Policy，The economy has begun to grow well.China tool industry has also developed quickly.Because of the high quality of products, customers are very recognized, and at the same time, the profit is high.I soon made the first bucket of gold in my life.

B CHERISH A DESIRE

I can see the profit margin of domestic high-quality tools.So in 2000, I invested my savings in setting up high quality tool manufacturing plants in China. Reducing the Purchasing Cost of Customers and Benefiting the Society by Performance-price Ratio and High Quality

C OUR VISION

In 2005,with the rapid growth of China's telecommunication construction demand and the improvement of the domestic tool industry chain,I established Guangzhou Boguang Communication Technology Co., Ltd（The predecessor of Tumtec Communications）.And began to produce cable module connector, formally entered the industry of communication equipment, instruments and tools.Provide reliable products for national construction. At the same time, it laid the direction of my career struggle.

D WALKING WITH THE COUNTRY

Since 2007, China's 3G network construction has been fully launched, which requires higher network speed. At that time, I immediately started the research and development of optical fiber related equipment and instruments, and the product research and development began to turn into the optical fiber communication industry. At that time, I was one of the first independent R&D manufacturers except those with Japanese and Korean brands and Chinese R&D institutions.

In 2008, the first batch of fiber cleavers were officially launched. Our products immediately with high quality, high cost - effective grab a large share of the Chinese domestic market. In 2012, the company promoted the products to Southeast Asia, Europe, Africa and other countries. In 2014, it upgraded and launched the fiber cleaver with automatic return, and the total sales volume was in the leading position in the industry.

E BREAKTHAROUGH BARRIER

2014 is an extraordinary year.Tthe national 4G communication project was fully developed. I started thinking about the extension of the product.In the same year, I cooperated with the Industrial Technology Research Institute of the Chinese Academy of Sciences and Huazhong University of Science and Technology in the research and development of optical fiber fusion machine.

In September 2015, the product series of optical fiber welder was officially launched into the market. We are the only private enterprise with R&D, production, sales and service in China to participate in the China International Photoelectric Exposition.

F WON THE REPUTATION

Tumtec export products to more than 70 countries and regions with favourable comment from home and abroad communication engineering company.Tumtec provide fusion splicer solution with high performance, high quality and high cost performance for worldwide countries to promote FTTX.

BUSINESS ADVANTAGE

Technology / specialty / specification / standard

01

Strong technical strength: Tumtec has a R&D team of 10 persons, including structural engineer, electromechanical engineer, chip engineer, software engineer, test engineer, etc.,

02

Efficient service team:umtec has a perfect and efficient service team, providing product consultation, product training, technical support and other services from pre-sales consultation, in-sales training, after-sales maintenance, and all-round supporting professional service personnel.

03

TUMTEC production line is under standardized management. When employees enter the workshop, they wear professional dust-proof and bacteria-proof clothes. In the production process, the assembly of each machine part is strictly supervised and inspected to ensure zero mistakes.

Company Strength

Owning more than 10 design patents, Tumtec won the title of national high-tech enterprises in China and got approval of CE certification, ISO 9001, and ISO 140001 certification system.

Since Tumtec products are launched in the market, Tumtec export products to more than 70 countries and regions with favourable comment from home and abroad communication engineering company.Tumtec provide fusion splicer solution with high performance, high quality and high cost performance for worldwide countries to promote FTTX.

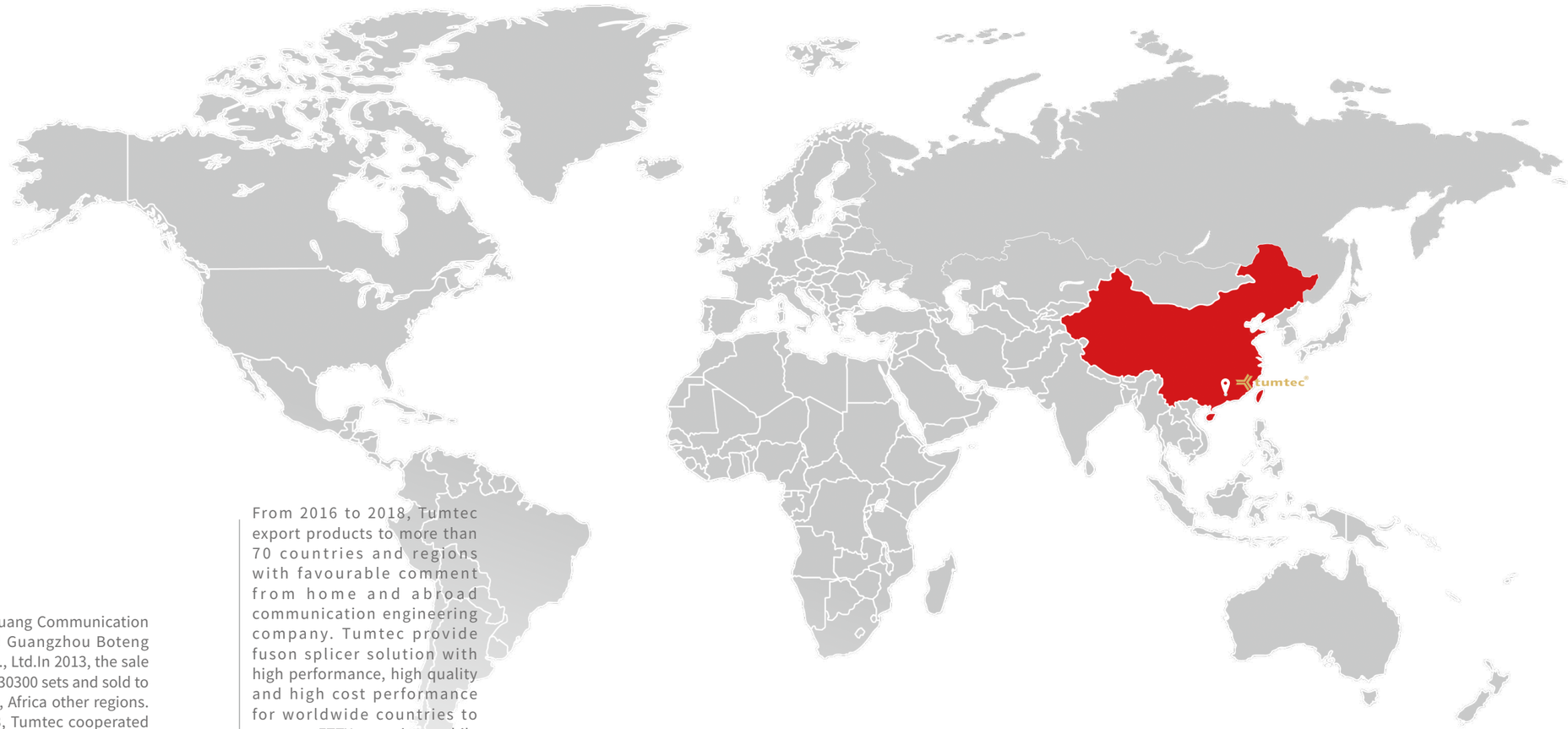
Tumtec cooperated with Foshan Branch of Chinese Academy of Sciences and HUST, started the R&D of Fusion Splicer,which provide a strong technological foundation for Tumtec.

Voice from customers

According to the real feedback from Pakistani users, the fst-16s fusion splicer is often used in harsh outdoor environments, such as high mountains, snow and high altitude .Cold weather in winter, resulting in welding machine heating trough and outdoor temperature difference is relatively large,However, the Tumtec fiber fusion splicer is not affected by the cold weather when it is heated. The operation speed is very fast, reaching the effect of 6-second splicing and 15-second heating, and the welding effect is very stable, and the quality is still good after more than a year.

Foshan construction team real feedback (83A), because the construction site is often different, carrying a lot of things. The lightness of the machine makes it one of the best choices for the construction team,.Tumtec fiber fusion splicer body light, with a handle, the use of special handle belt,Easy to carry; Stable four-foot base design, anytime and anywhere can become a workbench, working efficiency greatly improved.Splicing stability, running speed is also very fast, can achieve 6 seconds splicing, 15 seconds heating,greatly save the construction and maintenance time,single fiber precise alignment with 4 motors and completely auto-splicing procedure is convenint for operation.

DEVELOPMENT PATH



in 2005

On Aug. 21st, 2005, Tumtec predecessor Guangzhou Boguang Communication Tech. Co., Ltd was founded in Guangzhou, Guangdong.In the beginning of Sep. 2005, Tumtec started to produce and sell module splicing rig. After that ,Tumtec started to R&D and produce Fiber Cleavers.In Apr. 2008, TC series Fiber Cleavers came out.

in 2012

In 2012, Guangzhou Boguang Communication Tech. Co., Ltd renamed Guangzhou Boteng Communication Tech. Co., Ltd.In 2013, the sale of fiber cleavers reached 30300 sets and sold to Middle East Asia, Europe, Africa other regions. In the beginning of 2013, Tumtec cooperated with Foshan Branch of Chinese Academy of Sciences and HUST, started the R&D of Fusion Splicer,which provide a strong technological foundation for Tumtec.

in 2014-2015

In the beginning of 2014, the smart series of fiber cleavers (automatic return) were developed and went into mass production. In Sep. 2015, Fusion Splicers model FST-16S、FST-83A、V9 showed in CIOE for the first time and won high attention from insiders.

In Nov. 11th, 2015, Boteng renamed Tumtec, trying the best to build Tumtec brand; On Dec. 16th, 2015, the press conference of Tumtec fusion splice was held in Intercontinental Hotel successfully。

in 2016-2018

From 2016 to 2018, Tumtec export products to more than 70 countries and regions with favourable comment from home and abroad communication engineering company. Tumtec provide fuson splicer solution with high performance, high quality and high cost performance for worldwide countries to promote FTTX, covering mobile communications, railways, mining, ports, electric power, banks, public security, high-tech industries and other fields.

SERVICE ADVANTAGE

VIP Service

24-hour online answer to technical, questions exclusive pre-sales consulting, in-sales training, after-sales maintenance service, three-year warranty service;
all-round supporting professional service personnel to provide product consulting, product training, technical support.

FIBER CLEAVER ADVANTAGE


V9+


V9mini


FST-83A


FST-18S


FST-18H

All SERIES OPTICAL FIBER SPLICING MACHINES

Owning long-distance trunk fusion splicer (core to core with six motors) V9, medium-distance trunk fusion splicer (core to core) FST-83A, specialized fusion splicer FST-16S/H for FTTH

HIGH-END CONFIGURATIONS

Metal body, firmly shell ,lightly weight,the display can be adjusted to the optimum angle,500X magnification, 90° dual-camera,3 high-power LED white lights,Mini-USB 2.0 spot

SUPERIOR PERFORMANCES

Four-proof（moisture-proof, dust-proof, shock-proof and freeze-proof),outstanding performance,large capacity battery. 3s turning on, 6s splicing, 15s heating, splicing loss is minimal；precise alignment，pre-set 41 modes，can store 100 splicing modes；50 heat modes，2000 lastest recoeds；ARC life of 3000 times，auto splice program。

Stable / Intelligent / Economical / Convenient

CORE ALIGNMENT BACKBONE FUSION SPLICER - V9+

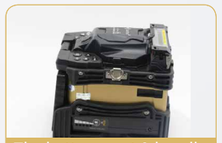
PARAMETERS

Model	V9+
Dimension	130W*170L*170H (excluding rubber bumper) / 140W*170L*176H (including rubber bumper)
Weight	2233G (with battery) / 1853G (without battery)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652& G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25 - 3.0mm/Indoor Cable
Cleaved Length	Diameter: 0.125 - 1 mm/Cleave Length: 8-16mm
Cladding Diameter	80 - 150 μm
Splicing Mode	Pre-set 41 splicing modes, max 100 modes
Heating Mode	Pre-set 5 heating modes (20/30/40/50/60mm), max 100 modes
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB/ DS: 0.04dB / NZDS: 0.04 dB/ G.657: 0.02dB (ITU-T Standard)
Return Loss	≧ 60dB
Lighting	3 White LEDs
Splicing Time	Quick mode: 6s
Estimated Splice Loss	Available
Heating Sleeve Length	20 - 60 mm
Heating Time	Quick heating time: 13s, typical heating time: 30s
Results Storage	20000 latest records & 200 images
Tension Test	1.96 - 2.25N
Operating Condition	Operating Altitude: 0 - 5000m above sea level, 0 - 95% relative humidity, - 10 ~ 50 °C， Max Wind 15m/s
Storage Condition	0 ~ 95% relative humidity, -40 ~ 80°C
Display	90° bi-directional view, 5.0" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 500X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating with Battery	5200mAh Battery Capacity, Typical 250 times (Splice + Heat)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic arc calibration by air pressure and temperature
Electrode Life	5000 arcs
Terminal	Mini USB 2.0

CHARACTERISTIC DISPLAY ▸▸


V-groove


Key


The battery port & handle


Wind cover


Viewing screen

ACCESSORIES ▸▸

CORE ALIGNMENT BACKBONE FUSION SPLICER - V9mini

PARAMETERS

Model	V9 Mini
Dimension	135W*160L*135H (excluding rubber bumper) / 140W*165L*135H (including rubber bumper)
Weight	2250G(with battery) / 1870G (without battery)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652& G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25 - 3.0mm/Indoor Cable
Cleaved Length	Diameter: 0.125 - 1 mm/Cleave Length: 8-16mm
Cladding Diameter	80 - 150 μm
Splicing Mode	Pre-set 41 splicing modes, max 100 modes
Heating Mode	Pre-set 5 heating modes (20/30/40/50/60mm), max 100 modes
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB/ DS: 0.04dB / NZDS: 0.04 dB/ G.657: 0.02dB (ITU-T Standard)
Return Loss	≧ 60dB
Lighting	3 White LEDs
Splicing Time	Quick mode: 6s
Estimated Splice Loss	Available
Heating Sleeve Length	20 - 60 mm
Heating Time	Quick heating time: 13s, typical heating time: 30s
Results Storage	20000 latest records & 200 images
Tension Test	1.96 - 2.25N
Operating Condition	Operating Altitude: 0 - 5000m above sea level, 0 - 95% relative humidity, - 10 ~ 50 °C， Max Wind 15m/s
Storage Condition	0 ~ 95% relative humidity, -40 ~ 80°C
Display	90° bi-directional view, 4.3" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 480X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating with Battery	5200mAh Battery Capacity, Typical 250 times (Splice + Heat)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic arc calibration by air pressure and temperature
Electrode Life	5000 arcs
Terminal	Mini USB 2.0

CHARACTERISTIC DISPLAY ▶▶


Key


The battery port


Viewing screen

CORE ALIGNMENT FUSION SPLICER - FST-83A

PARAMETERS

Model	FST-83A
Dimension	136W*160L*148H (excluding rubber bumper) / 140W*165L*148H (including rubber bumper)
Weight	2280G (with battery) / 1900G (without battery)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652& G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25 - 3.0mm/Indoor Cable
Cleaved Length	Diameter: 0.125 - 1 mm/Cleave Length: 8-16mm
Cladding Diameter	80 - 150 μm
Splicing Mode	Pre-set 41 splicing modes, max 100 modes
Heating Mode	Pre-set 5 heating modes (20/30/40/50/60mm), max 100 modes
Typical Splice Loss	SM: 0.02dB / MM: 0.01dB/ DS: 0.04dB / NZDS: 0.04 dB/ G.657: 0.02dB (ITU-T Standard)
Return Loss	≧ 60dB
Lighting	3 White LEDs
Splicing Time	Quick mode: 6s
Estimated Splice Loss	Available
Heating Sleeve Length	20 - 60 mm
Heating Time	Quick heating time: 13s, typical heating time: 30s
Results Storage	20000 latest records & 200 images
Tension Test	1.96 - 2.25N
Operating Condition	Operating Altitude: 0 - 5000m above sea level, 0 - 95% relative humidity, - 10 ~ 50 °C， Max Wind 15m/s
Storage Condition	0 ~ 95% relative humidity, -40 ~ 80°C
Display	90° bi-directional view, 5.0" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 500X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating with Battery	5200mAh Battery Capacity, Typical 250 times (Splice + Heat)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic arc calibration by air pressure and temperature
Electrode Life	5000 arcs
Terminal	Mini USB 2.0

CHARACTERISTIC DISPLAY ▸▸


V groove & Electrode stick


Key（1）


Key（2）


Windproof cover


V groove


V groove


Port & Battery


The handle（2）


Viewing screen

ACCESSORIES ▸▸

FTTX ACTIVE CLADDING ALIGNMENT FUSION SPLICER - FST-18S

PARAMETERS

Model	FST-18S
Dimension	130 W*160L*145H (excluding rubber bumper) / 140W*165L*145H (including rubber bumper)
Weight	2204KG (with battery) / 1824G (without battery)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652& G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25 - 3.0mm/Indoor Cable
Cleaved Length	Diameter: 0.125 - 1 mm/Cleave Length: 8-16mm
Cladding Diameter	80 - 150 μm
Splicing Mode	Pre-set 41 splicing modes, max 100 modes
Heating Mode	Pre-set 5 heating modes (20/30/40/50/60mm), max 100 modes
Typical Splice Loss	SM: 0.03dB / MM: 0.02dB/ DS: 0.05dB / NZDS: 0.05 dB/ G.657: 0.03dB (ITU-T Standard)
Return Loss	≧ 60dB
Lighting	3 White LEDs
Splicing Time	Quick mode: 6s
Estimated Splice Loss	Available
Heating Sleeve Length	20 - 60 mm
Heating Time	Quick heating time: 13s, typical heating time: 30s
Results Storage	20000 latest records & 200 images
Tension Test	1.96 - 2.25N
Operating Condition	Operating Altitude: 0 - 5000m above sea level, 0 - 95% relative humidity, - 10 ~ 50 °C， Max Wind 15m/s
Storage Condition	0 ~ 95% relative humidity, -40 ~ 80°C
Display	90° bi-directional view, 5.0" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 400X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating with Battery	5200mAh Battery Capacity, Typical 250 times (Splice + Heat)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic arc calibration by air pressure and temperature
Electrode Life	5000 arcs
Terminal	Mini USB 2.0

CHARACTERISTIC DISPLAY ▸▸


Battery & port

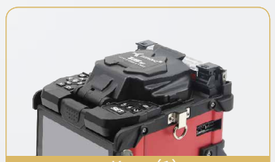

Windproof cover


The handle


Front & Viewing srenen


Windproof cover & key


V groove


Key （1）


Key （2）

ACCESSORIES ▸▸

FTTH CLAD FUSION SPLICER - FST-18H

PARAMETERS

Model	FST-18H
Dimension	115W*160L*135H (excluding rubber bumper) / 120W*165L*135H (including rubber bumper)
Weight	1735G (with battery) / 1355G (without battery)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652& G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25 - 3.0mm/Indoor Cable
Cleaved Length	Diameter: 0.125 - 1 mm/Cleave Length: 8-16mm
Cladding Diameter	80 - 150 μm
Splicing Mode	Pre-set 41 splicing modes, max 100 modes
Heating Mode	Pre-set 5 heating modes (20/30/40/50/60mm), max 100 modes
Typical Splice Loss	SM: 0.03dB / MM: 0.02dB/ DS: 0.05dB / NZDS: 0.05 dB/ G.657: 0.03dB (ITU-T Standard)
Return Loss	≧ 60dB
Lighting	3 White LEDs
Splicing Time	Quick mode: 6s
Estimated Splice Loss	Available
Heating Sleeve Length	20 - 60 mm
Heating Time	Quick heating time: 13s, typical heating time: 30s
Results Storage	20000 latest records & 200 images
Tension Test	1.96 - 2.25N
Operating Condition	Operating Altitude: 0 - 5000m above sea level, 0 - 95% relative humidity, - 10 ~ 50 °C， Max Wind 15m/s
Storage Condition	0 ~ 95% relative humidity, -40 ~ 80°C
Display	90° bi-directional view, 4.3" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 380X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating with Battery	4800mAh Battery Capacity, Typical 230 times (Splice + Heat)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic arc calibration by air pressure and temperature
Electrode Life	5000 arcs
Terminal	Mini USB 2.0

CHARACTERISTIC DISPLAY ▸▸


V groove


Battery port handle

ACCESSORIES ▸▸

FIBER CLEAVER ADVANTAGE

Stable / Economic / Convenient

High precision design

The fuselage and lighter
Clever press foot design
Multifunctional three-in-one fixture
Stable cutting Angle
Cleaved end face is flat

With high durability

Use a high - strength aircraft metal knife body
Thickened high-rigid slide
High precision and durable
Imported ultra-fine particle tungsten steel blade is used
Single service life up to 3000 times
The blade has a total life of 48,000 times


A9


T9


TC-6S


TC-7S


TC-F8

FIBER CLEAVER A9

A Independent research and production,original shape patent.

B Imported tungsten steel blade that can cutting 48000 times.

C Three-in-one fixture, flexible and easy to drop, easy to work.

D Anti-broken technology, cold weather can not let it break.

E Equipped with shockproof and anti-fall hard bag, it is more convenient to carry.

PARAMETERS ▸▸

Model	A9
Applicable to optical fiber	Single core quartz fiber
Appear ance of size	W*L*H：64*82*60mm
Weight	About 332G
Cleaved angle	0.5°
Life of the blade	48000 times
Cleaved length	7mm—20mm
Suitable for optical fiber types	0.25—1mm
Optical fiber some	Single core

FIBER CLEAVER T9





PARAMETERS ▸▸

01 / Independent research and development production, independent appearance patent.
02 / Imported tungsten steel blade can cut 48,000 times.
03 / Three-in-one fixture, flexible and not easy to fall, convenient to work.
04 /Anti-fiber breaking technology, cold weather no longer broken fiber.
05 /Equipped with anti - shock and anti - fall hard bag, more convenient to carry.

Model	T9
Applicable to optical fiber	Single core quartz fiber
Appearance of size	W*L*H：75*65*63mm
Weight	310G
Cleaved angle	0.5°
Life of the blade	48000 times
Cleaved length	7mm—20mm
Suitable for optical fiber types	0.25—1mm
Optical fiber some	Single core

FIBER CLEAVER TC-6S




PARAMETERS ▸▸

01 / Independent research and development production, independent appearance patent.
02 / Imported tungsten steel blade can cut 48,000 times.
03 / Three-in-one fixture, flexible and not easy to fall, convenient to work.
04 /Anti-fiber breaking technology, cold weather no longer broken fiber.
05 /Equipped with anti - shock and anti - fall hard bag, more convenient to carry.

Model	TC-6S
Applicable to optical fiber	Single core quartz fiber
Appearance of size	W*L*H：75*63*64mm
Weight	358G
Cleaved angle	0.5°
Life of the blade	48000 times
Cleaved length	7mm—20mm
Suitable for optical fiber types	0.25—1mm
Optical fiber some	Single core

FIBER CLEAVER TC-7S




PARAMETERS ▸▸

01 / Independent research and development production, independent appearance patent.
02 / Imported tungsten steel blade can cut 48,000 times.
03 / Three-in-one fixture, flexible and not easy to fall, convenient to work.
04 /Anti-fiber breaking technology, cold weather no longer broken fiber.
05 /Equipped with anti - shock and anti - fall hard bag, more convenient to carry.

Model	TC-7S
Applicable to optical fiber	Single core quartz fiber
Appearance of size	W*L*H：68*55*50mm
Weight	251G
Cleaved angle	0.5°
Life of the blade	48000 times
Cleaved length	7mm—20mm
Suitable for optical fiber types	0.25—1mm
Optical fiber some	Single core

FIBER CLEAVER TC-F8






PARAMETERS ▸▸

01 / Independent research and development production, independent appearance patent.
02 / Imported tungsten steel blade can cut 48,000 times.
03 / Three-in-one fixture, flexible and not easy to fall, convenient to work.
04 /Anti-fiber breaking technology, cold weather no longer broken fiber.
05 /Equipped with anti - shock and anti - fall hard bag, more convenient to carry.

Model	TC-F8
Applicable to optical fiber	Single core quartz fiber
Appearance of size	W*L*H：75*61*63mm
Weight	352G
Cleaved angle	0.5°
Life of the blade	48000 times
Cleaved length	7mm—20mm
Suitable for optical fiber types	0.25—1mm
Optical fiber some	Single core