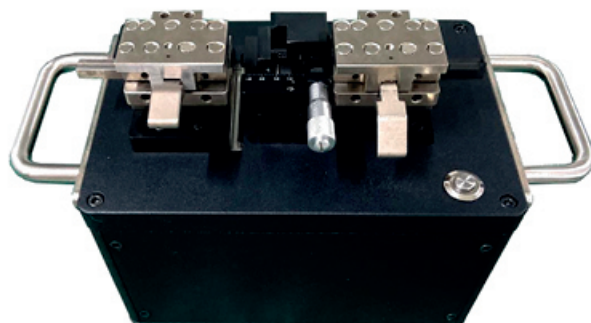


Portable Optical Fiber Cleaver (SFC-250)

Easy

Stable

Efficient



Specification

Model name	SFC-250
Optical fiber cladding diameter	125um~250um
Optical fiber coating diameter	200um~400um
Cleaving length	3~60mm
Cleaving angle	0.5° (Typical value)
Blade life	Diamond blade, 10000times more
Battery capacity	3400 mAh (250um optical fiber cleaving 2000times)
Power supply	Input AC100/240V, Output DC13.5V/5.0A
LED light indication	Red: charging; Green: full
Dimensions	160(L)*110(W)*137(H)mm
Operating condition	Humidity 0~95%; Temperature 0~40°C (non dew)
Storage condition	Humidity 0~95%; Temperature -40~80°C (non dew)

Standard configuration list

Name	Model	Quantity
Portable Optical Fiber Cleaver	SFC-250	1 (set)
Insert	INSERT-U-400/250	2 (pcs)
	INSERT-LC-400	1 (pce)
	INSERT-LC-250	1 (pce)
AC adapter	AA-135500-R	1 (set)
Certification		1 (pce)
Warranty Card		1 (pce)
Instruction Manual		1 (set)
1.5mm L-Type Wrench		1 (pce)

Standard configuration diagram



Portable Optical Fiber Cleaver (SFC-300L)

Easy

Stable

Efficient



Specification

Model name	SFC-300L
Optical fiber cladding diameter	80um~400um
Optical fiber coating diameter	100um~550um
Cleaving length	3~60mm
Cleaving angle	0.5° (Typical value)
Screen size	0.96 inches
Blade life	Diamond blade, 10000times more
Battery capacity	3400 mAh (250um optical fiber cleaving 2000times)
Power supply	Input AC100/240V, Output DC13.5V/5.0A
LED light indication	Red: charging; Green: full
Dimensions	160(L)*110(W)*137(H)mm
Operating condition	Humidity 0~95%; Temperature 0~40°C (non dew)
Storage condition	Humidity 0~95%; Temperature -40~80°C (non dew)

Standard configuration list

Name	Model	Quantity
Portable Optical Fiber Cleaver	SFC-300L	1 (set)
Insert	INSERT-UC-500/750	1 (pce)
	INSERT-UC-400	2 (pcs)
	INSERT-LC-500	1 (pce)
	INSERT-LC-400	1 (pce)
	INSERT-LC-250	1 (pce)
AC adapter	AA-135500-R	1 (set)
Certification		1 (pce)
Warranty Card		1 (pce)
Instruction Manual		1 (set)
1.5mm L-Type Wrench		1 (pce)

Standard configuration diagram



Large Diameter Optical Fiber Cleaver (SFC-XL)

Easy

Stable

Efficient

Equipment characteristics

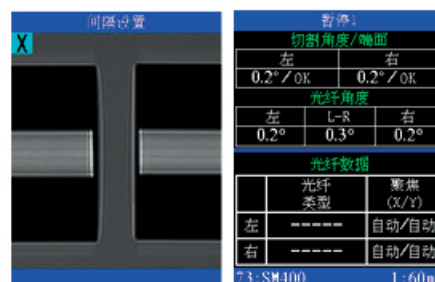
- Easy to use and maintain. Stable and effective
- Support cleaving optical fiber cladding diameter to 1300μm
- Typical cleaving angle 0.5°, regular end face
- Diamond blade
- Setable optical fiber tension

Application

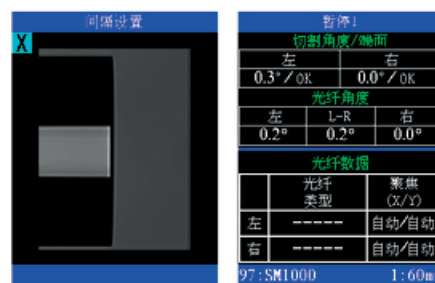
- Optical fiber component production and test
- Optical fiber laser manufacturing
- Optical fiber fusion splicing preparation
- Pigtail process for pump

Specification

Model name	SFC-XL
Optical fiber cladding diameter	60~1300μm
Optical fiber coating diameter	100~3000μm
Cleaving angle	0.5°(Typical value)
Cleaving length	3~60mm
Blade life	Diamond blade, 20,000 times more (typical value, correspond 125μm optical fiber cleaving)
Display screen	5 inches color LCD
Power supply	Input AC100/240V, Output DC13.5V/5.0A
Dimensions	240(L)*140(W)*160(H)mm
Operating condition	Humidity 0~95%; temperature 0~40°C (non dew)
Storage condition	Humidity 0~95%; temperature -40~80°C (non dew)



400μm optical fiber cleaving effect



1000μm optical fiber cleaving effect

Large Diameter Optical Fiber Cleaver (SFC-XL-B)

Easy

Stable

Efficient

Specification

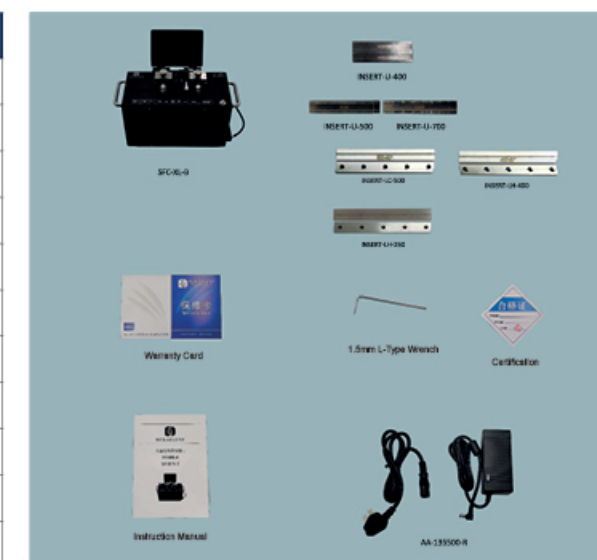
Model name	SFC-XL-B
Optical fiber cladding diameter	60~1300μm
Optical fiber coating diameter	100~2000μm
Cleaving angle	0.5°(Typical value)
Cleaving length	3~60mm
Blade life	Diamond blade, 20,000 times more (typical value, correspond 125μm optical fiber cleaving)
Display screen	5 inches color LCD
Power supply	Input AC100/240V, Output DC13.5V/5.0A
Battery parameter	Voltage: 10.8V; Capacity: 6800mAH
Dimensions	240(L)*140(W)*160(H)mm
Operating condition	Humidity 0~95%; Temperature 0~40°C (non dew)
Storage condition	Humidity 0~95%; Temperature -40~80°C (non dew)



Standard configuration list

Name	Model	Quantity
Large Diameter Optical Fiber Cleaver	SFC-XL-B	1 (set)
Insert	INSERT-U-500/750	1 (pce)
	INSERT-U-400	2 (pcs)
	INSERT-LH-500	1 (pce)
	INSERT-LH-400	1 (pce)
	INSERT-LH-250	1 (pce)
AC adapter	AA-135500-R	1 (set)
Certification		1 (pce)
Warranty Card		1 (pce)
Instruction Manual		1 (set)
1.5mm L-Type Wrench		1 (pce)

Standard configuration diagram



Large Diameter Optical Fiber Cleaver (SFC-800L-B)

Easy

Stable

Efficient



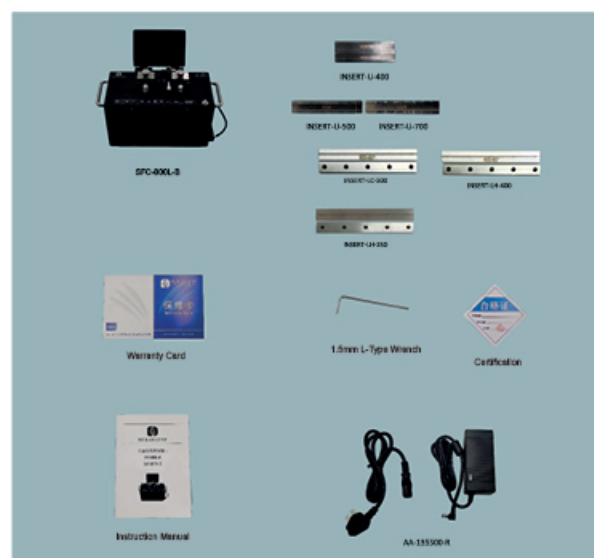
Specification

Model name	SFC-800L-B
Optical fiber cladding diameter	100~1200μm
Optical fiber coating diameter	150~2000μm
Cleaving angle	0.5°(Typical value)
Cleaving length	3-60mm
Blade life	Diamond blade, 20,000 times more (typical value, correspond 125μm optical fiber cleaving)
Display screen	5 inches color LCD
Power supply	Input AC100/240V, Output DC13.5V/5.0A
Battery parameter	Voltage: 10.8V; Capacity: 6800mAH
Dimensions	240(L)*140(W)*160(H)mm
Operating condition	Humidity 0~95%; Temperature 0~40°C (non dew)
Storage condition	Humidity 0~95%; Temperature -40~80°C (non dew)

Standard configuration list

Name	Model	Quantity
Large Diameter Optical Fiber Cleaver	SFC-800L-B	1 (set)
Insert	INSERT-UC-500/750	1 (pce)
	INSERT-U-400	2 (pcs)
	INSERT-LH-500	1 (pce)
	IN5ERT-LH-400	1 (pce)
	IN5ERT-LH-250	1 (pce)
AC adapter	AA-135500-R	1 (set)
Certification		1 (pce)
Warranty Card		1 (pce)
Instruction Manual		1 (set)
1.5mm L-Type Wrench		1 (pce)

Standard configuration diagram



Optical Fiber Angled Cleaver (SFC-XLA)

Easy

Stable

Efficient



Specification

Model name	SFC-XLA
Optical fiber cladding diameter	80~1250um
Optical fiber coating diameter	100~3000um
Cleaving angle	0~15°
Cleaving length	3~60mm
Cleaving tensile stability	±25g
Blade life	Diamond blade, 20,000 times more (typical value, correspond 125um optical fiber cleaving)
Display screen	5inches color LCD
Power supply	Input AC100/240V, Output DC13.5V/5.0A
Battery parameter (XL-B model)	Voltage: 10.8V;Capacity: 6800mAH
Dimensions	240(L)*140(W)*160(H)mm
Operating condition	Humidity 0~95%;Temperature 0~40°C (non dew)
Storage condition	Humidity 0~95%;Temperature -40~80°C (non dew)

Standard configuration list

Name	Model	Quantity
Large Diameter Optical Fiber Cleaver	SFC-XLA	1 (set)
Insert	INSERT-UC-500/750	1 (pce)
	INSERT-U-400	2 (pcs)
	INSERT-LH-500	1 (pce)
	INSERT-LH-400	1 (pce)
	INSERT-LH-250	1 (pce)
AC adapter	AA-135500-R	1 (set)
Certification		1 (pce)
Warranty Card		1 (pce)
Instruction Manual		1 (set)
1.5mm L-Type Wrench		1 (pce)

Standard configuration diagram



Portable Optical Fiber Fusion Splicer (MS-XS)

Easy

Stable

Efficient



Equipment characteristics

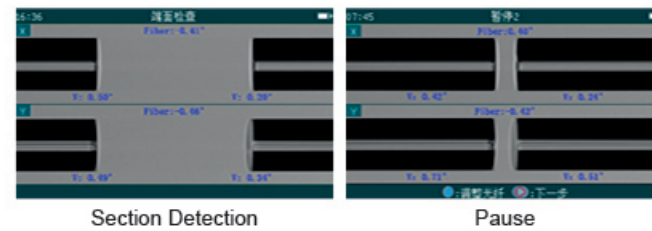
- Fusion splicing ability for the short cleaving length
- Special discharge calibration technology
- Fiber image storage
- Battery power supply, and support for outdoor operation

Application

- Optical fiber component production and test
- Optical fiber laser manufacturing

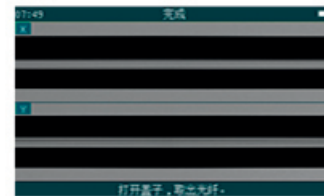
Specification

Model name		MS-XS
Optical fiber cladding diameter		Φ125~250um
Optical fiber coating diameter		Φ250~400um
Optical fiber quantity		Single optical fiber
Cleave length		Glass clamping:5~9mm (standard value 9mm)
Typical fusion splicing loss	SMF	0.03dB
	NZDSF/LDF	0.05dB
	MMF	0.02dB
Typical fusion splicing time	SMF/MMF	15seconds
	NZDSF/LDF	25seconds
Return Loss		>60dB
Electrode life		2,500 Arc Discharges(typical value,correspond G652 optical fiber fusion splicing)
Tension test		1.96-2.45N
Image magnification on LCD		50-300(variable)
Automatically splicing		Supply
Num.of splicing program		300 for splicing
Num.of splicing data storage		10,000 for splicing data
Dimensions		240(L)*180(W)*163(H)mm
Power supply		Input:AC100-240V 50HZ,Output:DC13.5V/5A
Weight		1.9Kg(With battery)
Operating condition		Humidity 0~95%;Temperature 0~40°C(non dew)
Storage condition		Humidity 0~95%;Temperature -40~80°C(non dew)



Section Detection

Pause



Fusion splicing complete

Large Diameter Optical Fiber Fusion Splicer (MS-XL/XL-B)

Easy

Stable

Efficient



Specification

Model name		MS-XL/XL-B
Optical fiber cladding diameter		Φ125~500um
Optical fiber coating diameter		Φ250~2000um
Optical fiber quantity		Single optical fiber
Cleave length		Glass clamping:3~9mm(standard value 9mm)
Typical fusion splicing loss	SMF	0.03dB
	NZDSF/LDF	0.05dB
	MMF	0.02dB
Typical fusion splicing time	SMF/MMF	15seconds
	NZDSF/LDF	25seconds
Return Loss		>60dB
Optical fiber clamp		Automatic adjustment according to the size of optical fiber cladding
Electrode life		2,500 Arc Discharges(typical value,correspond G652 optical fiber fusion splicing)
Tension test		1.96-2.45N
Image magnification on LCD		50-300(variable)
Automatically splicing		Supply
Num.of splicing program		300 for splicing
Num.of splicing data storage		10,000 for splicing data
Dimensions		240(L)*180(W)*163(H)mm
Power supply		Power adapter:DC13.5V/4.5A Lithium battery:10.8V/20400mAh(MS-XL-B)
Operating condition		Humidity 0~95%;Temperature 0~40°C(non dew)
Storage condition		Humidity 0~95%;Temperature -40~80°C(non dew)

Standard configuration list

Name	Model	Quantity
Large Diameter Optical Fiber Fusion Splicer	MS-XL	1(set)
Clamp	FC-XL-400	1(pair)
	FC-XL-500	1(pair)
Electrode bar	RGDJ2-23	1(pair)
AC adapter	AA-135500-R	1(set)
Certification		1(pce)
Warranty Card		1(pce)
Instruction Manual		1(set)

Standard configuration diagram



Large Diameter Optical Fiber Fusion Splicer (MS-XL+)

Easy

Stable

Efficient



Specification

Model name		MS-XL+
Optical fiber cladding diameter		Φ125~500um
Optical fiber coating diameter		Φ250~2000um
Optical fiber quantity		Single optical fiber
Cleaving length		Glass clamping:3~9mm (standard value 9mm)
Typical fusion splicing loss	SMF	0.03dB
	NZDSF/LDF	0.05dB
	MMF	0.02dB
Typical fusion splicing time	SMF/MMF	15seconds
	NZDSF/LDF	25seconds
Return Loss		>60dB
Optical fiber clamp		Automatic adjustment according to the size of optical fiber cladding
Electrode life		2,500 Arc Discharges (typical value, correspond G652 fiber fusion splicing)
Tension test		1.96-2.45N
Image magnification on LCD		50-300(variable)
Automatically splicing		Supply
Num.of splicing program		300 for splicing
Num.of splicing data storage		10,000 for splicing data
Dimensions		240(L)*180(W)*163(H)mm
Power supply		Power adapter:DC13.5V/4.5A Lithium battery:10.8V/20400mAh(MS-XL-B)
Operating condition		Humidity 0~95%;Temperature 0~40°C (non dew)
Storage condition		Humidity 0~95%;Temperature -40~80°C (non dew)

Standard configuration list

Name	Model	Quantity
Large Diameter Optical Fiber Fusion Splicer	MS-XL+	1(set)
Clamp	FC-XL-400	1(pair)
	FC-XL-500	1(pair)
Electrode bar		1(pair)
AC adapter		1(set)
Certification		1(pce)
Warranty Card		1(pce)
Instruction Manual		1(set)

Standard configuration diagram



Large Diameter Optical Fiber Fusion Splicer (MS-XL-Pro)

Easy

Stable

Efficient



Specification

Model name		MS-XL-Pro
Applicable optical fiber type	Cladding diameter	Φ250~800um
	Coating diameter	Φ400~1000um
Cleave length		Glass clamping:3~10mm(standard value 6mm)
Typical fusion splicing loss		0.05dB
Typical fusion splicing time		25seconds
Electrode life		2,500 Arc Discharges
fiber alignment mode		Optical alignment,power count alignment
Fusion splicing mode		Normal>manual
Num.of splicing data storage		latest 2,000 for splicing data
Dimensions		240(L)*180(W)*183(H)mm
Power supply		1、Internal lithium battery power supply. 2、External adapter,Input AC100-240v 50/60HZ,Output DC13.5V/4.8A
Operating condition		Temperature:-10~+50°C ;Humidity:<95%RH(non dew)
Storage condition		-5~+35°C ;Humidity:65±20%RH

Standard configuration list

Name	Model	Quantity
Large Diameter Optical Fiber Fusion Splicer	MS-XL-PRO	1(set)
Up insert	INSERT-UC-500/750(50mm with grooves)	2(pcs)
Low insert	INSERT-LC-820(73mm)	2(pcs)
Low insert	INSERT-LC-530(73mm)	2(pcs)
Electrode bar	RGDJ3-22 WA	1(pair)
Vertical electrode	RGDJ3-26-PRO	1(pce)
AC adapter	13.5V 10A	1(set)
Certification		1(pce)
Warranty Card		1(pce)
Instruction Manual		1(set)
Electrode bar sander		1(pce)
Steel wool		1(pce)

Standard configuration diagram



Large Diameter Optical Fiber Fusion Splicer (MS-400)

Easy

Stable

Efficient



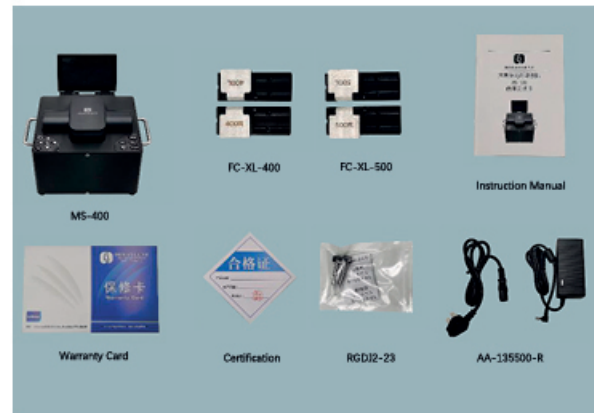
Specification

Model name		MS-400
Optical fiber cladding diameter		Φ125~400um
Optical fiber coating diameter		Φ200~800um
Optical fiber quantity		Single optical fiber
Cleave length		Glass clamping:3~9mm (standard value 9mm)
Typical fusion splicing loss	SMF	0.03dB
	NZDSF/LDF	0.05dB
	MMF	0.02dB
Typical fusion splicing time	SMF/MMF	15seconds
	NZDSF/LDF	25seconds
Return Loss		>60dB
Optical fiber clamp		Automatic adjustment according to the size of optical fiber cladding
Electrode life		2,500 Arc Discharges (typical value, correspond G652 fiber fusion splicing)
Tension test		1.96-2.45N
Image magnification on LCD		50-300(variable)
Automatically splicing		Supply
Num.of splicing program		300 for splicing
Num.of splicing data storage		10,000 for splicing data
Dimensions		240(L)*180(W)*163(H)mm
Power supply		AC adapter:DC13.5V/4.5A Lithium battery:10.8V/20400mAh(MS-XL-B)
Operating condition		Humidity 0~95%;Temperature 0~40°C (non dew)
Storage condition		Humidity 0~95%;Temperature -40~80°C (non dew)

Standard configuration list

Name	Model	Quantity
Large Diameter Optical Fiber Fusion Splicer	MS-400	1(set)
Clamp	FC-XL-400	1(pair)
	FC-XL-500	1(pair)
Electrode bar	RGDJ2-23	1(pair)
AC adapter	AA-135500-R	1(set)
Certification		1(pce)
Warranty Card		1(pce)
Instruction Manual		1(set)

Standard configuration diagram



PM Optical Fiber Fusion Splicer (MS-XLP)

Easy

Stable

Efficient



Specification

Model name		MS-XLP
Optical fiber cladding diameter		Φ125~600um
Optical fiber coating diameter		Φ250~2000um
Optical fiber quantity		Single optical fiber
Cleave length		Glass clamping:3~15mm(standard value 9mm)
Typical fusion splicing loss	PMF	0.06dB
	NZDSF/LDF	0.05dB
	MMF	0.02dB
Typical fusion splicing time	PMF(PANDA)	60seconds
	NZDSF/LDF/MMF	25seconds
Typical extinction ratio		-40dB
Optical fiber clamp		Automatic adjustment according to the diameter of optical fiber cladding
Electrode life		2,500 Arc Discharges(typical value, correspond G652 optical fiber fusion splicing)
Tension test		1.96-2.45N
Image magnification on LCD		50-300(variable)
Automatically splicing		Supply
Num.of splicing program		300 for splicing
Num.of splicing data storage		10,000 for splicing data
Dimensions		260(L)*238(W)*188(H)mm
Power supply		AC adapter:DC13.5V/4.5A
Operating condition		Humidity 0~95%;Temperature 0~40°C (non dew)
Storage condition		Humidity 0~95%;Temperature -40~80°C (non dew)

Standard configuration list

Name	Model	Quantity
PM Optical Fiber Fusion Splicer	MS-XLP	1(set)
Clamp	FC-XL-400	1(pair)
	FC-XL-500	1(pair)
Electrode bar	RGDJ3-25	1(pair)
AC adapter	13.5V 10A	1(set)
Certification		1(pce)
Warranty Card		1(pce)
Instruction Manual		1(set)

Standard configuration diagram



Three Electrodes PM Optical Fiber Fusion Splicer (MS-XLP-R)

Easy

Stable

Efficient



Specification

Model name		MS-XLP-R
Optical fiber cladding diameter		Φ250~1000um
Optical fiber coating diameter		Φ400~2000um
Optical fiber quantity		Single optical fiber
Cleave length		Glass clamping:3~15mm (standard value 9mm)
Typical fusion splicing loss	PMF	0.06dB
	NZDSF/LDF	0.05dB
	MMF	0.02dB
Typical fusion splicing time	PMF(PANDA)	60seconds
	NZDSF/LDF/MMF	25seconds
Typical extinction ratio		-40dB
Fiber clamp		Automatic adjustment according to the diameter of optical fiber cladding
Electrode life		2,500 Arc Discharges(typical value,correspond G652 optical fiber fusion splicing)
Tension test		1.96-2.45N
Image magnification on LCD		50-300(variable)
Automatically splicing		Supply
Num.of splicing program		300 for splicing
Num.of splicing data storage		10,000 for splicing data
Dimensions		260(L)*238(W)*188(H)mm
Power supply		AC adapter:DC13.5V/4.5A
Operating condition		Humidity 0~95%;Temperature 0~40°C (non dew)
Storage condition		Humidity 0~95%;Temperature -40~80°C (non dew)

Standard configuration list

Name	Model	Quantity
PM Optical Fiber Fusion Splicer	MS-XLP-R	1(set)
Clamp	FC-XL-500	1(pair)
	FC-XL-750	1(pair)
Electrode bar	RGDJ3-25	2(pairs)
Electrode bar	RGDJ3-35-R	2(pcs)
Electrode replacement tooling		1(pce)
AC adapter13.5V 10A		1(set)
Electrode bar sander		1(pce)
Steel wool		1(pce)
Certification		1(pce)
Warranty Card		1(pce)
Instruction Manual		1(set)

Standard configuration diagram



PM Optical Fiber Fusion Splicer (MS-XLP-S)

Easy

Stable

Efficient



Equipment characteristics

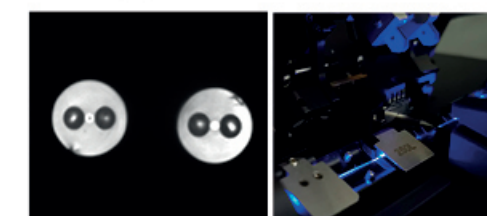
- Arc control function
- Special electric discharge calibration technology
- Large diameter fiber splicing
- PM optical fiber splicing
- Clear optical fiber image,visible optical fiber core
- Fiber image storage function
- Aligning optical fiber online to optimize the loss
- High-definition end-face imaging
- Stable rotation against the core
- Prism lift regulation

Application

- Optical fiber component
- Optical fiber laser
- Optical fiber sensor
- Medical instrument and equipment

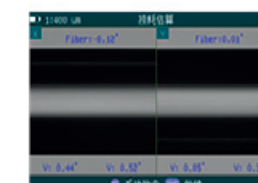
Specification

Model name		MS-XLP-S
Fiber cladding diameter		Φ60~400um
Optical fiber coating diameter		Φ100~600um
Optical fiber quantity		Single optical fiber
Cleave length		Glass clamping:3~9mm (standard value 9mm)
Typical fusion splicing loss	PMF	0.06dB
	NZDSF/LDF	0.05dB
	MMF	0.02dB
Typical fusion splicing time	PMF(PANDA)	30~50seconds
	NZDSF/LDF/MMF	25seconds
Typical extinction ratio		-40dB
Optical fiber end-face visual		PAS,fiber end-face visual function
Optical fiber uniaxial rotation angle		360°
Optical fiber clamp		Automatic adjustment according to the diameter of optical fiber cladding
Electrode life		2,500 Arc Discharges (typical value, correspond G652 optical fiber fusion splicing)
Tension test		1.96-2.45N
Image magnification on LCD		50-300(variable)
Automatically splicing		Supply
Fusion splicing mode		Normal>manual
Num.of splicing data storage		10,000 for splicing data
Dimensions		260(L)*238(W)*188(H)mm
Power supply		AC adapter:DC13.5V/4.5A
Operating condition		Humidity 0~95%;Temperature 0~40°C (non dew)
Storage condition		Humidity 0~95%;Temperature -40~80°C (non dew)



End-face imaging

Rotation to axis

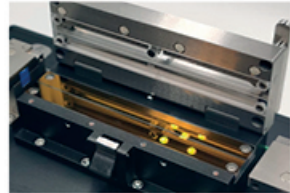


Splicing effect

Optical Fiber Recoater (FTR-50M+)



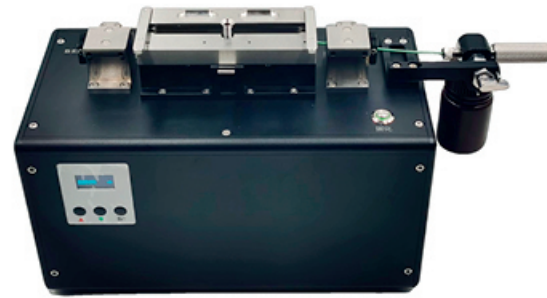
Not wasted of integrated gluing



Not leaching glue of more fit mold



Faster of dial-code switching



Specification

Model name	FTR-50M+
Applicable optical fiber material	Quartz optical fiber
Recoating diameter	280um/450um/600um
Re-coating length	4~50mm
UVLED wavelength	UVLED wavelength 365nm ±15nm
Re-coating material	Optical curable acrylate
Solidifying time	Suggest 4~8 seconds
Mold material	Quartz
Injecting glue method	Manual
Dimensions	340(L)*150(W)*183(H)mm
Weight	3.8kg(With battery)
Power supply	External power supply: AC Input: 100~240 V (50~60Hz) DC Output: 13.5V / 5A Internal lithium battery: 10.8V 6500mAh
Operating condition	Temperature: 0~+40°C ; Humidity: <95% (non dew); Altitude: 0~5000m
Storage condition	Temperature: -20~+60°C ; Humidity: <95% (non dew)

Standard configuration list

Name	Model	Quantity
Optical Fiber Recoater	FTR-50M+	1(set)
Quartz mold	FRM-xxx	1(pce)
Up insert	FTR-INSERT-UC-xxx	2(pcs)
Low insert	FTR-INSERT-LHC-xxx	2(pcs)
AC adapter	AA-135500-R	1(pce)
AC cord	AC-220	1(pce)
Screwdriver	2.4mm	1(pce)

Optional attachment

Quartz mold model	Diameter after recoating	Insert model
FRM-600	600um	FTR-INSERT-LHC-500 FTR-INSERT-UC-500/750
FRM-450	450um	FTR-INSERT-LHC-400 FTR-INSERT-UC-250/400
FRM-280	280um	FTR-INSERT-LHC-250 FTR-INSERT-UC-250/400

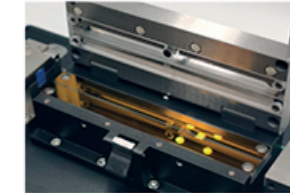
Standard configuration diagram



Optical Fiber Recoater (FTR-100M+)



Not wasted of integrated gluing



Not leaching glue of more fit mold



Faster of dial-code switching



Specification

Model name	FTR-100M+
Applicable optical fiber material	Quartz optical fiber
Recoating diameter	280um/450um/600um
Re-coating length	4~100mm
UVLED wavelength	UVLED wavelength 365nm ±15nm
Re-coating material	Optical curable acrylate
Solidifying time	Suggest 4~8 seconds
Mold material	Quartz
Injecting glue method	Manual
Dimensions	340(L)*150(W)*183(H)mm
Weight	4kg(With battery)
Power supply	External power supply: AC Input: 100~240v (50~60Hz) Dc Output: 13.5V/5A Internal lithium battery:10.8V6500mAh
Operating condition	Temperature: 0~+40°C ; Humidity: <95%(non dew);Altitude: 0~5000m
Storage condition	Temperature: -20~+60°C ; Humidity: <95%(non dew)

Standard configuration list

Name	Model	Quantity
Optical Fiber Recoater	FTR-100M+	1(set)
Quartz mold	FRM-10-xxx	1(pce)
Up insert	FTR-INSERT-UC-xxx	2(pcs)
Low insert	FTR-INSERT-LHC-xxx	2(pcs)
AC adapter	AA-135500-R	1(pce)
AC cord	AC-220	1(pce)
Screwdriver	2.4mm	1(pce)

Optional attachment

Quartz mold model	Diameter after recoating	Insert model
FRM-10-600	600um	FTR-INSERT-LHC-500 FTR-INSERT-UC-500/750
FRM-10-450	450um	FTR-INSERT-LHC-400 FTR-INSERT-UC-250/400
FRM-10-280	280um	FTR-INSERT-LHC-250 FTR-INSERT-UC-250/400

Standard configuration diagram

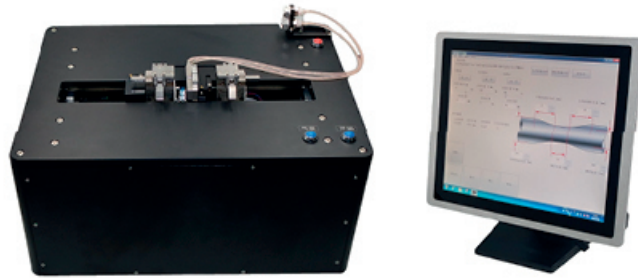


Full Automatic Optical Fiber Taper (MT-180)

Easy

Stable

Efficient



Specification

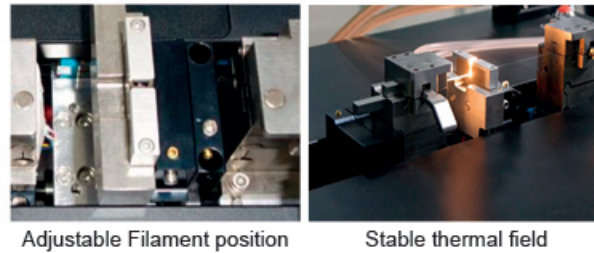
Model name	MT-180
Applicable optical fiber material	Quartz optical fiber
Optical fiber cladding diameter	125~1600um
Optical fiber coating diameter	250~2000um
Optical fiber Z-axis movement	180mm
Filament life	300minutes (Typical value)
Filament temperature range	Room temperature to 3000°C
Dimensions	435(L)*318(W)*260(H)mm
Weight	20kg
Power supply	AC220V 50Hz
Operating condition	Temperature:-10~+50°C ;Humidity:<95%RH (non dew)
Storage condition	Temperature:-5°C ~+35°C ;Humidity:65±20%RH

Standard configuration list

Name	Model	Quantity
Optical fiber taper	MT-180	1(set)
All-in-one computer	IBOOK-17	1(set)
Filament components	T4/V4/V6	1(pce)
AC cord	AC-220	1(pce)
Data wire	DB9PIN	1(pce)
Quick connection of water-cooled hose	Switch-φ7.8Pagoda type	2(pcs)
Filament component screw	M2×8	10(pcs)
Tracheal adaptor	φ1/8" to φ4	1(pce)
Switching windpipe	φ1/8"-100mm	1(pce)
400 Up insert	INSERT-U-250/400	1(pce)
400 Low insert	INSERT-LH-400	1(pce)
500 Up insert	INSERT-U-500/750	1(pce)
500 Low insert	INSERT-LH-500	1(pce)

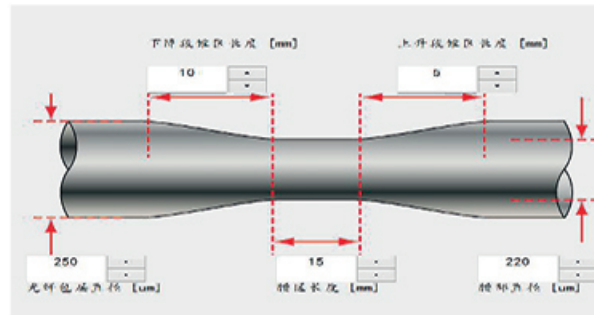
Optional attachment

Low insert	Up insert	Clamping range
INSERT-LH-250	INSERT-U-250/400(Flat surface)	180-320um
INSERT-LH-400	INSERT-U-250/400(Flat surface)	280-510um
	INSERT-U-400/400(Concave surface)	380-510um
INSERT-LH-500	INSERT-U-400/400(Concave surface)	450-640um
	INSERT-U-500/750(500)	480-710um
INSERT-LH-750	INSERT-U-500/750(500)	640-870um
	INSERT-U-500/750(750)	730-960um
Filament components	V4/V6/T4	



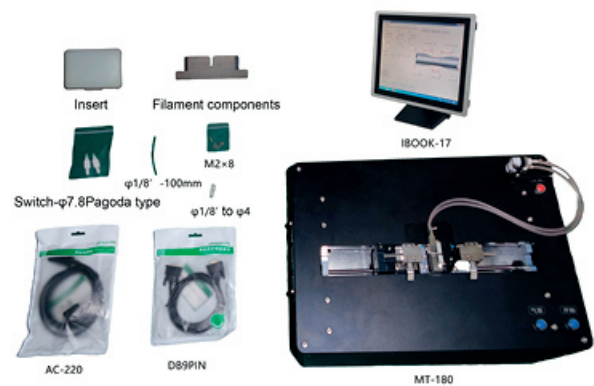
Adjustable Filament position

Stable thermal field



Friendly interface

Standard configuration diagram



Hydrogen and Oxygen Optical Fiber Taper (MT-180-F)



Specification

Model name	MT-180-F
Applicable optical fiber material	Quartz optical fiber
Optical fiber cladding diameter	125~1300um
Optical fiber coating diameter	250~2000um
Optical fiber Z-axis movement	180mm
Filament life	Unrestricted
Filament temperature range	Room temperature to 3000°C
Dimensions	481(L)*528(W)*448(H)mm
Weight	45kg
Power supply	AC220V 50Hz
Operating condition	Temperature:-10~+50°C ;Humidity:<95%RH(non dew)
Storage condition	Temperature:-5°C ~+35°C ;Humidity:65±20%RH

Standard configuration list

Name	Model	Quantity
Optical fiber taper	MT-180-F	1(set)
All-in-one computer	IBOOK-17	1(set)
Filter	PL-60D	1(pce)
AC cord	AC-220	1(pce)
Data wire	DB9PIN	1(pce)
Windpipe	6mm 1.6meters	2(pcs)

Standard configuration diagram

