

Fusion Splicer



Single Fiber Arrc Fusion Splicer Fujikura-70S



Features

- Core to core alignment by PAS (Profile Alignment System) technology.
- Environmental resistant features
- World's quickest splicing 7 sec. / Tube-Heating 14 sec.
- Minimal manual operation. Splice in 4 steps.
- 2 axis CMOS Camera with 4.73" color LCD X / Y (320X magnification) or both X and Y Simultaneously (200X Magnification)
- Battery Typical 200 cycles with BTR-09
- Multi-function carrying case with integrated work station
- Absolute robustness.
- USB 2.0 (Mini-B type) connector for PC communication
- 6-pin Mini-DIN connector for HJS-02 or HJS-03 power supply



Fusion Splicer FITEL S178A From Furukawa



- Rugged and compact handheld design endure harsh environmental condition
- Fast splice (7 Sec) at super low loss and Fast heating (25 sec)
- 200 cycles (Splicing & Heating) with new batter configuration
- Available for All METRO/LAN/FTTx fibers including ultra bend-insensitive fiber (e.g. EZ-Bend)
- Splicer is compatible with the Seikoh Giken and Diamond Splice-on-connector(SOC)
- Easy maintenance-Easy electrode replacement / mirror free alignment system
- Easy Software upgrade via the internet
- Easily exchanged fiber holder system (tight holder / fiber holder / SOC holder)
- PC interface software to allow user manage recipes and splicing results
- Auto-start shrink
- Improved GUI to further enhance ease-of-use
- Large memory for storing data (2,000 splice data) and image (100 images)
- RoHS Compliant



Direct Core Monitoring Fusion Splicer TYPE-81C Dual Oven with Flexible clamps



Features

- Direct Core Monitoring Fusion Splicer
- SM(G.652), MM(G.651), DSF(G.653), NZDS(G.655), BIF(G.657), EDF
- Cladding Diameter 80~150 um
- Coating Diameter 100-1000um
- Cleave Length 5-16mm with Coating Clamp
- SMF : 0.01 dB, MMF : 0.01 dB, DSF : 0.03dB, NZDSF : 0.03dB
- Splice Time Auto Mode 8s / Quick mode 6s
- Heating Typical 14s
- 4.1" Touch screen Color LCD Display
- Fiber View 2CMOS Cameras
- Fiber View 350X Magnification (Zoom 700X) for X or Y
- Tension Test 1.96 ~ 2.09N
- Weight 1.8Kg (Without Battery) / 2.0Kg (with Battery BU11S)
- Size : 130H x 120W x 154D mm (without anti-shock rubber)
- USB2.0 (Mini-Btype)
- Storage media SD/SDHC memory card Max 32GB

Fusion Splicer

SUMITOMO ELECTRIC Z1C



Features

- Cladding Alignment Fusion Splicer
- SM(G.652), MM(G.651), DSF(G.653), NZDS(G.655), BIF(G.657)
- Cladding Diameter 80~150 um
- Coating Diameter 100-1000um
- Cleave Length 5-16mm with Coating Clamp
- Splice Time Auto Mode 8s / Quick mode 6s
- Heating Typical 20s
- 4.1" Touch screen Color LCD Display
- Fiber View 2CMOS Cameras
- Fiber View 350X Magnification (Zoom 700X) for X or Y
- Results Storage 200 images / 10000 splice data
- Tension Test 1.96 ~ 2.09N
- Weight 1.7Kg (Without Battery) / 1.9Kg (with Battery BU11 S)
- Size : 130H x 120W x 154D mm (without anti-shock rubber)
- USB2.0 , Storage media SD/SDHC memory card Max 32GB

tumtec® FST-16S



Features

- Cladding Alignment Fusion Splicer
- SM(G.652 & G657), MM(G.651), DSF(G.653), NZDS(G.655)
- Fiber/Cable 0.25-3.0mm/Indoor Cable
- Coating Diameter 0.125-1mm / Cleave Length 8-16mm
- Multiple Splicing Mode
- Typical Splice Loss 0.01-0.05 dB
- Return Loss >>60dB
- Lighting One powerful white LED and illuminated keypads
- Splice Time 6-8s
- Heating Typical 30s
- Protection sleeve Length 20-60mm
- Storage 5000 records
- Tension Test 1.5-2.0N
- Display Bi-directional 5"high resolution display with Touch screen
- Fiber View X, Y, XY, X/Y : 500X Magnification
- Power Supply input 100-240VAC, 12-15VDC
- 5200 mAH Battery typical above 28times (Splice+Heat)
- Automatic ARC Calibration by air pressure and temperature
- Electrode Life 3500 ARCS
- Terminal USB2.0/Phone Jack
- Weight 2.0Kg (including rubber bumper) / 0.38Kg (Battery)
- Dimension : 140W x 165L x 160H mm (including Rubber Bumper)

iNNO INSTRUMENT™ View 7S



Features

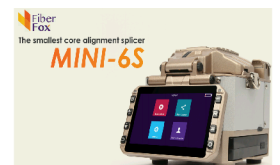
- Core Alignment Fusion Splicer
- SM(G.652&G.657), MM(G.651), DS(G.653), NZDS(G.655)
- Compatible Fiber 0.25~3.0 mm Indoor Cable
- Cladding Diameter 80~150 um
- Splice Time Auto Mode 8s / Quick mode 7s
- Heating Typical 13s
- 5.0" Color High Resolution Display with Touch Screen
- Lighting 3 White LEDs
- Fiber View X, Y, XY, X/Y : 520X Magnification
- Protection Sleeve 20~60 mm
- Results Storage last 2000 results
- Tension Test 1.96 ~ 2.25N
- Weight 2.80Kg (With Battery) / 2.17Kg (without Battery)
- Size : 160H x 133W x 155D mm (exclude rubber Bumper)
- Size : 167H x 143W x 163D mm (Including rubber Bumper)

Fiber Fox Mini 6S



Features

- Core Alignment DCA (Digital Core Alignment)
- SM, MM, DS NZDS, G.657
- Splice 9s SM / SM 7s Quick mode
- Heating Typical 18s
- Data Output HDMI
- Color 4.3" LCD monitor with Touch Screen
- 2CCD Camera System
- XY style : 150 power, X/Y : 300 power
- X/Y or XY, Single X, Y
- Weight 1.44Kg (Without Battery)
- Size : 124 x 123 x 130 mm



SUMITOMO Cleavers Optical Fiber FC-6S and FC-7 Handheld Precision Optical Fiber Cleaver



- Industry's First Handheld Precision Optical Fiber Cleaver
- Prevents Double Scoring of Fibers
- Can Be Used for Single Fiber Cleaving or Up to 4-Fiber Ribbon
- Feature Automatic Fiber Scrap Collection
- Can Be Operated with Minimal Steps
- Works with Sumitomo Fiber Holders
- Coating Diameter 0.25-0.9mm (Single), 0.25mm (Ribbon)
- Cladding Diameter 0.125mm
- Cleave Lengths 6-20mm (Single Fiber), 10-20mm (Ribbon)
- Dimension 98W x 47D x 58H mm
- Weight 300g

Fujikura High Precision Fiber Cleaver CT-30



- Compact body & light weight
- Applicable up to 12-fiber cleaving
- 48,000 fiber blade life (3 height x 16 positions)
- Fiber scrap collection-free
- Bare fiber diameter 125 μ m
- Dimensions 69W x 82D x 41H (mm)
- Weight 180g

INNO Optical Fiber Cleaver VF-15H High Precision Cleaver



- 2 step Action
- Type 250~300 μ m
- Clad Diameter 125 μ m
- Cleaver Angle 0.5 Degrees with Single Fiber
- Cleave Length 6~20mm (Single fiber)
- Dimension 72W x 81D x 62H mm
- Weight 350g

Tumtec Optical Fiber Cleaver T9 High Precision Cleaver



- Bare fiber diameter 0.25-0.9mm
- Outercoat diameter 0.125mm
- Single tube fiber
- Cleaver Angle 0.5 Degrees
- Cleave Length 7~20mm
- Blade life 48000 cleaves
- Mode Semiautomatic
- Dimension 63W x 73D x 63H mm
- Weight 331 g

SKL-6C Optical Fiber Cleaver



- Bare fiber diameter 0.25-0.9mm
- Outercoat diameter 0.125mm
- Single tube fiber
- Cleaver Angle 0.5 Degrees
- Cleave Length 18mm
- Blade life 48000 cleaves
- Full Automatic Slide
- Dimension (L x W x H): 72 x 67 x 51 mm
- Weight 230g

Optical Filer Accessories



Optical Strippers

1. Jacket Remover for single fiber



FTTx 1-2 Core Cable Strippers "MILLER"

1. Fiber 1,2 core FTTx
2. Outer Coverage Indoor 3.0mm x 2.0mm
3. Fiber Coating 250 and 900 um, Cladding 125
4. Size 30mm x 110mm x 20mm



ELECTRODES for Fusion Splice

1. Electrodes for Sumitomo TYPE
2. Electrodes for Furukawa FITEL
3. Electrodes for Fujikura FSM
4. Electrodes for INNo
5. Electrodes for FiberFox



OPTICAL TUBE STRIPPERS

1. TUBE STRIPPERS
2. LOOSE TUBE CUTTER



SPARE BLADE FOR CLEAVER

1. Spare Blade Sumitomo FC-6S
2. Spare Blade Fujikura CT-30
3. Spare Blade INNo
4. Spare Blade FiberFox
5. Spare Blade SKL-6C



Longitudinal Buffer Tube Slitter

- Fiber optic cable jacket slitter tool
- Cable can be processed:
 - a.(\varnothing 1.5~ \varnothing 1.9mm); b.(\varnothing 2.0~ \varnothing 2.4mm);
 - c.(\varnothing 2.5~ \varnothing 2.9mm); d.(\varnothing 3.0~ \varnothing 3.3mm)
- Tool size(mm):50×40×20; Weight:35g



Alcohol for Optical Fiber Cleaning

Alcohol 99.9% size 1 lite
For Optical Fiber Cleaning

Mid-Span Cable Slitter for optical cable

Mid-Span Cable slitter Key Features



Mid-Span Cable Slitter (Sheath Stripper), is a tool devised to strip fiber optic cables of sheath with least human efforts. Using **Wire Clamp** together, you can strip sheath from optical cables more easily and quickly than using knives or handsaws. It's especially convenient when stripping cables for mid span branching. Replacing blades fixed at the center of Stripper, you can use this tool permanently.

- Applicable to cables of loose tube type or ribbon type.
- By adjusting length of the protruded part of blades, cables with various size of diameters can be stripped.
- Blade revolvers make it easy to adjust the blades into cable sheath.
- Cables with diameter of 10~25mm can be stripped.

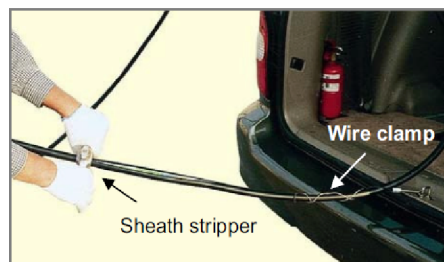
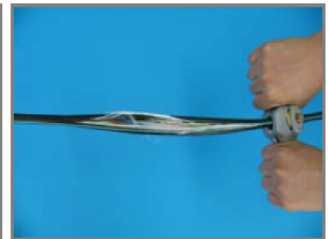
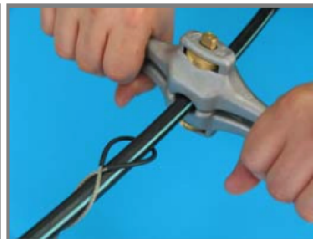
Instructions

1. Wind Wire Clamp tightly on cable before applying it to any fixed objects.

2. Adjust the blades of Stripper into the sheath of cable by turning revolver. Be sure not to damage inner fibers.

3. Locate Stripper at the scratch point of cable and hold it with hand tightly

4. Pull Stripper backward through the cable so that sheath be stripped.



Longitudinal Cable Sheath Cutter Slitter

Longitudinal Cable Sheath Cutter Slitter



Description

Tool for safe longitudinal slitting of plastic cable sheaths with different thickness. Applicable either at the beginning or in the middle of the cable. Additional attachable pieces for slitting optic cables and cables with small diameter available.

1. Handle, gear folder, double-sided knife, four position adjustable eccentric, switching lever, Hex wrench
2. Black cable holder for cable diameter of less than 25mm
3. Yellow holder for fiber optic cable for fixed Model:KMS-K

Operation

1. Eccentric adjusted correctly, the blade insert the cable, and the blade is parallel with the cable
2. Press and hold the blade with your thumb, and the other hand to rotate the handle, slowly cut along the cable
3. Cycle Test(-40~+80 degrees) change $\square 0.2\text{dB}$
4. The cable jacket is thick, can be eccentric to position "1111"
5. In case of blade damage; Hex wrench can replace its spin

Accessories

1. Cable sheath slitter
2. Attachable piece, grey for cables up to 25 mm \square
3. Attachable piece, yellow for fiber optic cables
4. L-shaped hexagon key
5. Operating instructions
6. Plastic case

