

FSP200
OPTICAL FUSION SPLICER

TESTING | TROUBLESHOOTING | ACCURACY

Splice Fiber the Right Way!



VERSATILE

Designed to meet virtually any FTTx installation both indoors and out. Can also be used for P2P installations including back-haul, cellular and LAN.

CORE ALIGNMENT

Out performs all other splicing technologies with six motor performance.

FAST ACCURATE SPLICING

Seven seconds splice time.

BENEFITS

- **Core Alignment** Low splice loss Technology for the most complex fiber geometries.
- **Compact.** Small and lightweight for the most demanding jobs.
- **IP52 Ingress Protection Rating.** Resistant to dust and water.
- **Compatible.** Uses the Tempo Communications splice on connector
- **Adaptable.** Splices 200 micron “Micro” fibers.

3 YEAR WARRANTY

FSP200

OPTICAL FUSION SPLICER

SPECIFICATIONS

Applicable Fibers:	SM (G.652); MM (G.651); DS (G.653); NZDS (G.655); BIF (G.657); EDF
Fiber Cleaved Length:	10mm
Cladding Diameter:	80 TO 150µm
Coating Diameter:	100 to 1000µm
Fiber Count:	Single
Fiber Aligning Method:	Core Alignment
Splice Loss (Typical):	0.02 dB (SM); 0.01 dB (MM); 0.04 dB (DS); 0.04 dB (NZDS & BIF)
Splicing Mode:	60 Preset / User Definable Modes
Splice Time (Typical):	7 seconds (1)
Boot Time:	5 seconds
Number of Splices Per Battery Charge:	200 (including 60mm heat shrink cycle) (2)
Splice -On-Connector:	SC, LC, FC, ST
Arc Calibration Mode:	Automatic and Manual
Protection Sleeve Length:	60mm, 40mm, Micro Sleeves
Ingress Protection(3) :	IP5X (Dust); IPX2 (Water)
Storage of Splice Results:	5,000 Results, 100 screenshots
Drop Test:	76cm on five axis
On Board Instruction Manual	YES

SPECIFICATIONS

Tension Test:	2N
Fiber Display Magnification:	200X
Tube Heating Mode:	20 Preset / User Definable Modes Adjustable 0-240 seconds
Tube Heating Time (Typical):	18 seconds (4)
Attenuator Mode:	0.1 to 15 dB
Electrode Life:	5,000 Splices
Display:	5.0" Color Touchscreen LCD
Connectivity:	USB
Operating Conditions:	Pressure: 0 to 16,404 feet (0 to 5,000 meters) above Sea Level Humidity: 0 to 95% Temperature: -4 to +131F (-20 to +55C)
Storage Conditions:	Temperature: -40 to +158F (-40 to +70C)
Power Supply:	100 to 240V AC Adapter; Li-ion Battery (4400 mAh)
Weight:	3.74lbs (1.7kg) with battery
Dimensions (HxWxD):	4.9" x 4.9" x 5.3" (125 x 125 x 135mm)
Vibration Resistance:	10Hz - 500Hz with a spectral density of $0.03g^2/Hz$
Password Protection:	Yes
On Board Instruction Manual	Yes

(1) Fast mode. (2) 90s/cycle splice time and power save functions activated. Number of cycles may vary depending on battery status and ambient operating conditions. (3) Dust resistance and rain resistance test do not guarantee that the product will not be damaged under these conditions. (4) Dependent on splice protector used, ambient conditions and assuming that the oven is not cold.

ORDERING INFORMATION:

CAT NO.	DESCRIPTION
FSP200	FSP200 Optical Fusion Splicer
FSP200-KIT1	FSP200 Fusion Splicer & Cleaver Kit
FSP200-KIT2	FSP200 Contractor Fusion Splicer Kit
FCL200	FCL200 Optical Fiber Cleaver
01329	Replacement Electrodes
07096	915FS/FSP200 Replacement Power Supply
01640	Cleaving Wheel
01332	200/250µm Adapter (Pair)
01333	900µm Adapter (Pair)
01335	Adapter, Splice-On Connector, SC & LC
02401	Adapter, Splice-On Connector, ST & FC
03245	3mm Adapter (Pair)
05801	Loose Tube Adapter (Pair)

CAT NO.	DESCRIPTION
07388	Universal Adapter (Pair)
06811	Battery
NA LC	North American Line cord
02571	European Line Cord
02570	UK Line Cord
02568	12 V DC Car Adapter
PA1171	ProGrip 5-in-1 Fiber Optic Stripper
PA1177	ProGrip 3-in-1 Fiber Optic Stripper
PA1162	Economy Fiber Optic Stripper
PA1511	Kevlar Cutter
MSS100	Mid Span Slitter
05245	Splicer Electrode Cleaner

FSP200-KIT1

Includes: FSP200 Optical Fusion Splicer and FCL200 Optical Fiber Cleaver.

FSP200-KIT2

Includes: FSP200 Optical Fusion Splicer, FCL200 Optical Fiber Cleaver, Fiber Optic Stripper, PA1171, and an extra battery.

FCL200 Optical Fiber Cleaver Kit includes:

Cleaver, dust bin, fixed clamp with screw, hard carrying case, instruction sheet and allen key.

Every FSP200 includes:

- Black carrying case
- Tweezers
- Extra set of electrodes
- USB cable
- 250um adapters (pair)
- 900um adapters (pair)
- SC/LC SOC Adapter
- Splice on Connector oven insert
- Allen key
- Power supply
- Line cord
- Carrying strap
- Cooling tray
- Battery
- Electrode Cleaner
- Quick Reference Card

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