# OPTICAL FUSION SPLICER

FSP200 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.

## **EXCLUSIVE FEATURE**

Splice loose-tube fiber to Tempo Splice-On connectors easily with our patented adapter technology and save time and money!

## 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.
- Versatile. Uses the proprietary loose tube adapters for splicing loose tube fibers to splice on connectors.
- Adaptable. Splices 200 micron "Micro" fibers.

#### 1390 Aspen Way Vista, CA • 92081

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TC-FSP200 11/19



## **FSP200**

#### **OPTICAL FUSION SPLICER**

SPECIFICATIONS	Applicable Fibers:	SM (G.652); MM (G.651); DS (G.653);	lions	Tension Test:	2N
		NZDS (G.655); BIF (G.657); EDF		Fiber Display Magnification:	200X
	Fiber Cleaved Length:	10mm		Tube Heating Mode:	20 Preset / User Definable Modes
	Cladding Diameter:	80 TO 150µm			Adjustable 0-240 seconds
	Coating Diameter:	100 to 1000µm		Tube Heating Time (Typical):	18 seconds <sup>(4)</sup>
	Fiber Count:	Single		Attenuator Mode:	0.1 to 15 dB
	Fiber Aligning Method:	Core Alignment		Electrode Life:	5,000 Splices
	Splice Loss (Typical):	0.02 dB (SM); 0.01 dB (MM); 0.04 dB (DS); 0.04 dB (NZDS & BIF)		Display:	3.5" Color, Turn-Over LCD
				Connectivity:	USB
	Splicing Mode:	60 Preset / User Definable Modes			Pressure: 0 to 16,404 feet
	Splice Time (Typical):	7 seconds <sup>(1)</sup>	.A.	Operating Conditions:	(0 to 5,000 meters) above Sea Level
	Boot Time:	5 seconds	SPECIFICATIONS		Humidity: 0 to 95%
		5 500005			Temperature: -4 to +131F (-20 to +55C)
	Number of Splices Per Battery Charge:	200 (including 60mm heat shrink cycle) <sup>(2)</sup>		Storage Conditions:	Temperature: -40 to +158F (-40 to +70C)
	Splice -On-Connector:	SC, LC, FC, ST		Device Consider	100 to 240V AC Adapter;
	Arc Calibration Mode:	Automatic and Manual		Power Supply:	Li-ion Battery (4400 mAh)
	Arc calibration Mode.	Automatic and Mandal		Weight:	3.74lbs (1.7kg) with battery
	Protection Sleeve Length:	60mm, 40mm, Micro Sleeves		Dimensions (HxWxD):	4.9" x 4.9" x 5.3" (125 x 125 x 135mm)
	Ingress Protection <sup>(3)</sup> :	IP5X (Dust); IPX2 (Water)			· · ·
	Storage of Splice Results:	5,000 Results, 100 screenshots		Vibration Resistance:	10Hz – 500Hz with a spectral density of 0.03g²/Hz
	Drop Test:	76cm on five axis		Password Protection:	Yes
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(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 and ambient conditions. Time quoted is with power mode enabled and assuming that the oven is not cold. \*Specifications subject to change without notice.

#### **FSP200-KIT**1

Includes: FSP200 Optical Fusion Splicer and FCL200 Optical Fiber Cleaver

#### FCL200-KIT2

CAT NO.

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

### **ORDERING INFORMATION:**

Every	FSP200 includes:
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- Black carrying case
- Tweezers - Extra set of electrodes
- USB cable - 200/250um adapters (pair)
- 900um adapters (pair)
- SC/LC SOC Adapter
- Splice on Connector oven insert
- Allen keu
- Power supply
- Line cord - Carrying strap
- Cooling tray
- Battery
- Electrode Cleaner
- Quick Reference

#### **FCL200 Optical Fiber Cleaver Kit includes:**

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

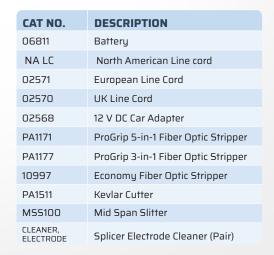
FSP200	FSP200 Optical Fusion Splicer
FSP200-KIT1	FSP200 Fusion Splicer & Cleaver Kit
FSP200-KIT2	FSP200 Contractor Fusion Splicer Kit
FCL200	FCL200 Optical Fiber Cleaver
01329	Replacement Electrodes
07096	FSP200 Replacement Power Supply
01640	Cleaving Wheel
01332	200/250µm Adapter (Pair)
01333	900µm Adapter (Pair)
01335	Adapter, Splice-On Connector, SC & LC
02401	Adapter, Splice-On Connector, ST & FC
ADAPTER, LOOSE TUBE	Loose Tube Adapter (Pair)
03245	3mm Adapter

DESCRIPTION

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