



Multi-function Fusion Splicer

SPTK-4900X



Overview

SPTK-4900X implements industrial-grade structure of high performance, installed 6 imported motors to accurate core to core alignment, which can identify fiber types automatically. Small in size and light in weight.

Features

- Real 6 motors accurate core to core alignment
- Identify fiber types(SM/MM) automatically
- 6 seconds splicing & 18 seconds heating
- Automatic & real-time ARC calibration
- Industrial quad-core CPU with 30% power saving
- 5" high resolution display, touch screen and button dual operation
- Anti-shock, anti-vibration, dust-proof & water-resistant, IP52 certified
- Universal fiber holder, apply to 250μm/0.9mm/2.0mm/3.0mm fibers

Specification

Model	SPTK-4900X
Alignment Method	6 motors core to core alignment
Applicable Fiber	G651/G652/G653/G654/G655/G657 etc.
Cladding Diameter	80~150μm
Coating Diameter	160~3000μm

Cleaved Length	10~16mm (coating diameter<250μm), 16mm (coating diameter:250~1000μm)
Typical Splice Loss	G651: 0.01dB; G652: 0.02dB; G653: 0.04dB; G654: 0.04dB; G655: 0.04dB; G657: 0.02dB
Return Loss	> 60dB
Splicing Program	100 modes
Operation Mode	Manual/ Auto
Auto-Heating	40 modes, auto-heating supported
Splicing Time	6~12 seconds; fast splicing time 6 seconds
Heating Time	18~26 seconds for 40mm and 60mm shrinkable sleeves
Fiber Magnification	400X(X or Y view), 200X(X and Y view)
Viewing display	Dual high sensitivity camera, 5"HD color LCD touch screen
Data Storage	50000 groups data records,100 groups images
Loss Evaluation	Available
Tension Test	1.8 ~ 2.2N
Interface	GUI menu interface, easy for operation
Battery Capacity	Detachable 5200mAh Li-battery , typical 300 cycles splicing and heating
Power Supply	Adapter, input: AC100~240V(50/60Hz), output: DC11~13.5V
Electrode Life	5000 ARC discharges, easy to replace
Terminal	USB 2.0 port, for software upgrading and records exporting
Operating Condition	Altitude: 0~5000m; Humidity: 0~95%; Temperature: -10°C~+50°C; Max wind: 15m/s
Dimension/Weight	155mm(L)×144mm(W)×155mm(H)(including rubber bumper)/2.37kg(with battery)



Precise structural design Core to core alignment



Inductive automatic heater Fast heating



Anti-shock, dust-proof and water-proof, 5"touch LCD



Clear fiber image and fast fiber gapping



Identify fiber types automatically



Stable splicing and low splicing loss



Packing Details



Fusion splicer



Fiber cleaver



Fiber stripper



Cooling tray



Spare electrodes



Drop cable stripper



Carrying box



Power adapter



Power plug



User manual



Strap



Brush

Ordering information

Part Number	Product Description
SPTK-4900X	Multi-function Fusion splicer 6 motors

Note: If you need more customized services, please contact us.

E-mail: info@sopto.com.cn

Web : <http://www.sopto.com.cn>

