L3 Fusion Splicer

High Performance Fusion Splicing Machine

Core - core optical fiber splicing machine designed for high throughput, continuous use by telecom technicians, **with low fiber splicing loss**. Light weight & Rugged, L3 splicing machine is ideal for hassle & error free fusion splicing.

Features:

- **Core-to-core** alignment technology
- **Low loss** splicing
- Ruggedized machine for field use
- **Large 5''** bright **colour screen** with easy to use GUI
- Low weight
- Includes hard carry case with **built in splice tray**

L3 Fusion Splicer

High Performance Fusion Splicing Machine

Detail:

Integrated Cooling Tray

Multi-function Fiber Holder

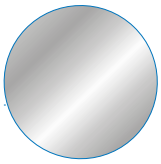
Graphical Buttons

Strong Wind Cover

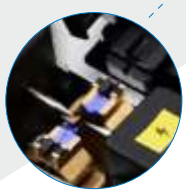
Core to Core

Auto Heater

Rugged



Metal Body



Long Life Electrodes

Smart GUI 5'' colour screen

Versatile hard carry case for use on site with built in tray for splicing

L3 Fusion Splicer

High Performance Fusion Splicing Machine

Specifications:

Type	Single Fiber Fusion Splicer
SplicingMode	Auto, Manual & Half Auto
Fiber Alignment Method	Core to Core Alignment (PAS-Profile Alignment System) / Clad to Clad Alignment (Fixed V- groove System) / Manual Alignment
Applicable Fibers	Single Mode (SM),Multi Mode (MM),Dispersion-Shifted (DS),Non-Zero Dispersion -Shifted (NZDS), EDF
Camera	Two CMOS Camera
Minimum Cladding Diameter for Single Fiber (µm)	80
Maximum Cladding Diameter for Single Fiber (µm)	150
Minimum Sheath Diameter for Single Fiber (µm)	100
Maximum Sheath Diameter for Single Fiber (maximum) (µm)	2000
Minimum Fiber Cleave Length (mm)	5
Maximum Fiber Cleave Length (mm)	16
Protection Sleeve length (mm)	40 and 60
Splice Loss, Typical values	
Average Splice Loss for Single Mode (SM) Fiber (dB)	0.02
Average Splice Loss for Multi Mode (MM) Fiber (dB)	0.01
Average Splice Loss for Dispersion-Shifted (DS) Fiber (dB)	0.04
Average Splice Loss for Non-Zero Dispersion Shifted (NZDS) Fiber (dB)	0.04
Return Loss for joined fiber (dB)	>= 60
Performance, Usage & Power Parameters	
Tension Test	2.0 N (Standard)
Electrode Life (in Splices)	5000
Typical Splicing/ Heating Time for standard SM Fiber (s)	8 / 19
Pre - Set user Programmable Splicing modes	100
Pre - Set user Heating modes	30
Fiber Viewing Magnification	X/Y : 180 Times, X or Y: 360 Times
Display	5 inch Color LCD display
Data Storage	10000 groups
Date /time Stamp in Entries	Yes
Connectivity interface	USB
Power Source	Rechargeable Li-Ion Battery, 11.1 V, 6800 mAh or 230V 50Hz Line Power AC/DC input 13.5V
Battery Life per charge (in Splicing Cycles)	200 hr

L3 Fusion Splicer

High Performance Fusion Splicing Machine

Operating & Environmental Parameters	
Operating Temperature/ Humidity	-10 ~ 50 degree Celsius/ 0~ 95% RH Non Condensing
Maximum Altitude (above sea level) (m)	5000
Maximum Wind Velocity (m/s)	15
Size(H*W*D)/ Weight	164mm * 141mm * 138mm/ 1.83kg
IP Protection	IP 64
Ordering Code/ Model	L3 (Lemon 3)

Standard Accessories:

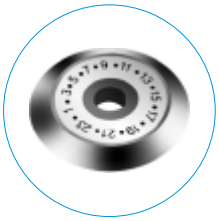
① 

Suitcase

② 

Fiber stripper

③ 



24 position blade

④ 

AC/DC adapter

⑤ 

Spare electrodes

*L3 Splicing machine provided with auto-return cleaver

Auto Return Fiber Cleaver with Fiber Dustbin

Bare / Coating Fiber Diameter	125 µm / 250 µm,900 µm
Cutting Length/ Blade Life	250 µm: 9~16mm, 900 µm: 10~16mm/ 48000

Asian Contec Ltd.
Asian Center, B-28, Okhla Industrial Area, Phase-1, New Delhi -110020, India.
Contact Nos. : Tel : +91-11-41860000 (100 Lines), Direct Sales Helpline : +91-11-41406926
Web : www.stanlay.in www.stanlay.com email: sales@stanlay.com
Regional Offices : • Faridabad • Mumbai • Bengaluru • Hyderabad • Bhubaneshwar • Guwahati

Quality Management System
ISO 9001: 2015
1-QSC202101102
Ref:ST/L3/2021