X-97 Multi-function Fusion Splicer

XIANGHE

Features

Handheld, Small, Light

Industrial standard screen

Various colors are available.

Core to core digital alignement

8s splicing time,26s tube heating time

5800mAh and pluggable Li-battery, Typical 200 cycles

ARC calibrated by temperature and air pressure automatically

Automatically switching on windshield and heater in 4 steps

Apply to bare fibers, indoor cables and jumper wires splicing

Multi-function fixture design

bare fiber to jumper wire

indoor cable to bare fiber

indoor cable to jumper wire

indoor cable to others

Antifog red light

Short distance fixture

Shorter distance splice

Large magnification

Precision position

Sensitive keyboard

Pluggable Li-battery

XIANGHE Communication

X-97 Multi-function Fusion Splicer

Specifications

Applicable fiber	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), others(including G.657)
Fiber count	Single
Applicable fiber dimensions	Cladding diameter:80-150 μm, Coating diameter: 160-900 μm
Typical splice loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return loss	>60dB
Fiber cleaved length	10-16mm(coating diameter<250 μm),16mm(coating diameter:250-1000μm)
Splicing program	40 groups
Operate mode	Manual, Automatic
Auto-heating	Available
Typical splicing time	8 seconds
Tube heating time	26 seconds for 60mm and 40mm shrinkable sleeves
Fiber view Magnification	250X (X or Y view), 125X (X and Y view)
Viewing method and display	2 CMOS cameras, 4.3 inch color LCD monitor
Storage of splice result	4000 results
Loss evaluation	Available
Tension test	1.8-2.2N
Interface	GUI menu interface, easier operation
Battery capacity	5800mAh, typical 180 cycles(splice and tube heat), pluggable inner Li-battery
Power supply	Adaptor, input: AC100-240V(50/60HZ), output: DC11-13.5V
Electrode life	More than 4000 ARC-discharges, can be replaced conveniently
Terminals	USB 2.0 port, for uploading splice results and upgrading software
Operating condition	Altitude:0-5000m,Humidity:0-95%,Temperature:-10-50℃, Wind speed:max 15m/s
Dimension	149mm(L)×120mm(W)×127mm(H)
Weight	1.9kg including battery

Standard Configuration

No.	Name	Model	Quantity
1	Fusion splicer	X-97	1
2	Fiber cleaver	X-50/52	1
3	Spare electrodes	X-12A	1 pair
4	Fiber stripper	X-08	1
5	Skin line stripper	X-16	1
6	Cooling tray	X-10	1
7	Adaptor	X-20	1
8	Power cord	X-22	1
9	Carrying bag	X-09	1
10	Manual(CD)	X-07	1

X-97   X-50/52   X-08   X-12A

X-22   X-20   X-10   X-16

X-09   X-07