Multi-funciton Fusion Splicer
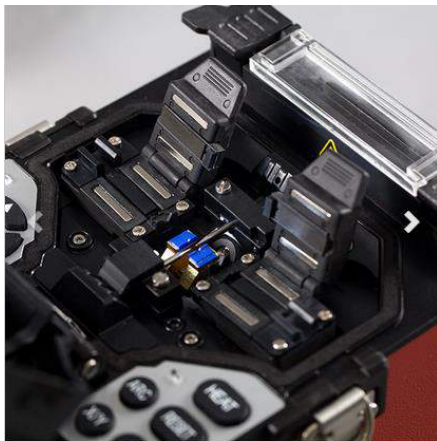
Shanghai Shinho Fiber Communication Co., Ltd
www.xhfiber.com/en
marco.meng@xhfiber.com

X-97 Smart FTTH Fusion Splicer

Features：

● Handheld, Small, Light

● Various colors are available

● Core to core digital alignment

● 8s splicing stime, 26s tube heating time

● 5800mAh and pluggable Li-battery, Typical 200 cycles

● ARC calibrated by temperature and air pressure automatically

● Apply to bare fibers, indoor cables and jumper wires splicing

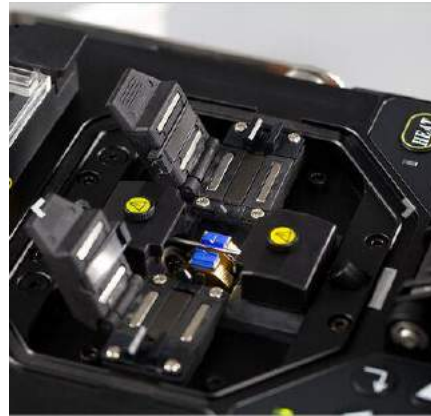# X-800 Multi-Function Handheld Fusion Splicer

Features：

● 6s typically for splicing and 26s for heating
● Fiber core max. magnifications up to 250X
● Electrodes discharging more than 4000 times
● Inductive and auto heater, no heating without fibers
● 5800mAh and pluggable Li-battery, Typical 200 cycles
● 360° rubber armor protects machine from shock and drop
● Apply to bare fibers, indoor cables and jumper wires splicing

X-86 Single Fiber Fusion Splicer

Features：

●High definition 5.7′ colorful LCD;
●PAS technology, core to core digital alignment;
●Rubber armor protects machine from shock or impact;
●8800mAh and removable Li-battery, Typical 250 cycles;
●Various display groups, max. Magnifications up to 300X;
●ARC calibrated by temperature and air pressure automatically.

X-86H Multi-function Fusion Splicer

Features:

● High definition 5.7′ colorful LCD;
● 8s typically for splicing and 28s for heating;
● PAS technology, core to core digital alignment;
● Rubber armor protects machine from shock or impact;
● 8800mAh and removable Li-battery, Typical 250 cycles;
● ARC calibrated by temperature and air pressure automatically;
● Apply to bare fibers, jumper cables, pigtails, patch cords, etc.
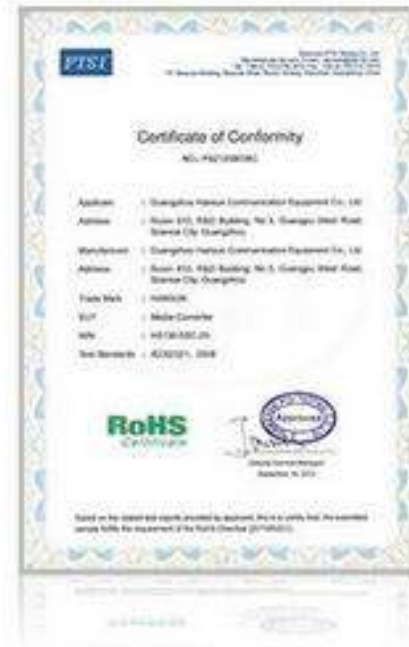
X-600 Handheld FTTx Fusion Splicer

Features:

● Small,light,long battery life;
● 4 motors accurate core alignment;
● 250 times magnification of fiber cores;
● 7s fast splicing, 26s intelligent heating;
● More than 4000 times electrodes discharging;
● 4400mAh Li-batery, 220 cycels splicing and heating;
● Inductive automatic heater, no heating without fibers;
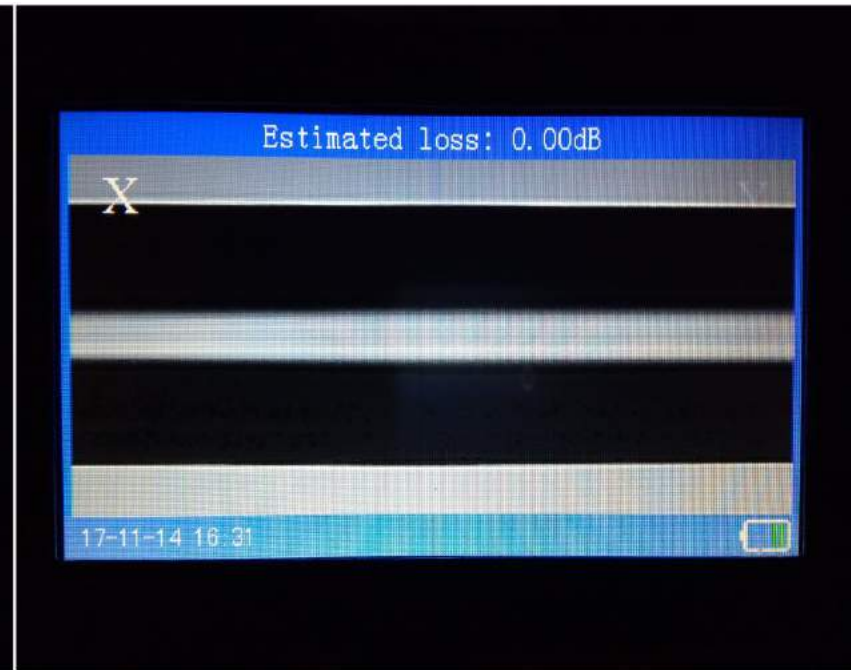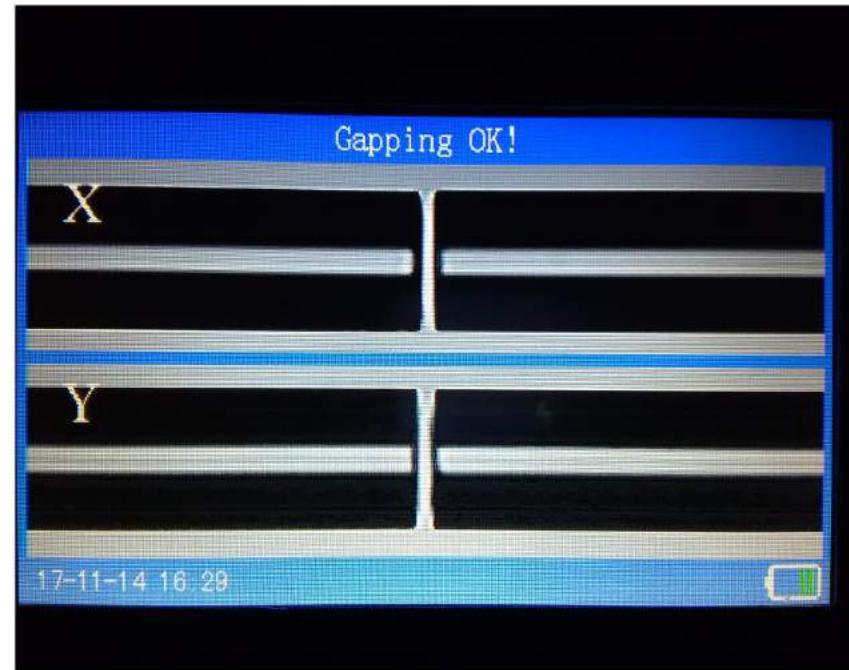● 3 in 1 multi-function clamps, new waterproof structure

Certificates

All Shinho fusion splicers have passed
CE, ISO9001, RoHS and SGS certificates.

Splicing Display

Performance testing

Anti-shock
drop from 76cm height

Anti-dust

Waterproof

Accessories

Standard Accessories

1. Carrying Box
2. Fiber Stripper
3. Cooling Tray
4. Spare Electrodes
5. Fiber Cleaver
6. Adapter
7. Strap
8. Drop Cable Stripper
9. Power Cord
10. Operation Manual

Optional Accessories

1. Alcohol Bottle
2. Cleaning Brush
3. Pluggable Led Light
4. Car Charger
5. U Disk Operation Manual
6. Spare Blade

Comparison Chart

Model	X-86H	X-86	X-97	X-800	X-600
Picture					
Applicable fiber	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655), others(including G.657)				
Interface	GUI menu interface, easy operation				
Operate environment	Altitude: 0～5000m; Relative humidity: 0~95%; Temperature: -10℃～+50℃; Wind speed: max 15m/s				
External port	USB2.0 port, used to derive splicing record data, software upgrade				
Power supply	Adaptor, input: AC 100-240V (50/60HZ) , output: DC 11~13.5V				
Cladding diameter	80 -150μm	80 -150μm	80 -150μm	80 -150μm	80 -150μm
Coating diameter	160 – 900μm	160 – 900μm	160 – 900μm	160 – 900μm	160 – 900μm
Splicing program	40 groups	40 groups	40 groups	40 groups	40 groups
Operate mode	Manual, Automatic	Manual, Automatic	Manual, Automatic	Manual, Automatic	Manual, Automatic
Auto-Heat	Available	Available	Available	Available	Available
Average Splice Loss(SM)	0.02dB	0.02dB	0.02dB	0.02dB	0.02dB

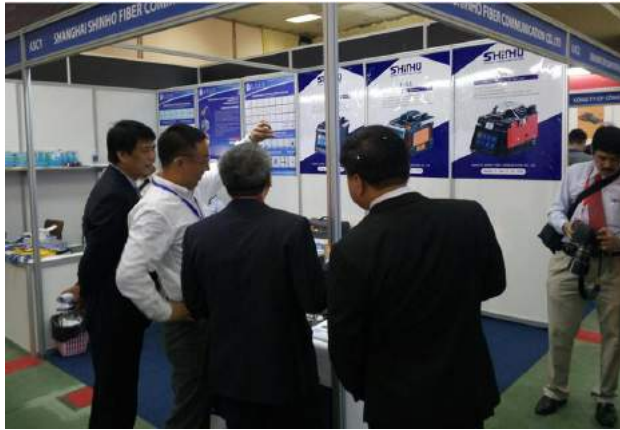# Comparison Chart

Model	X-86H	X-86	X-97	X-800	X-600
Picture					
Splice Data Storage	4,000	4,000	4,000	4,000	4,000
Electrode life	4,000	4,000	4,000	4,000	4,000
Loss evaluation	Available	Available	Available	Available	Available
Tension test	1.8~2.2N	1.8~2.2N	1.8~2.2N	1.8~2.2N	1.8~2.2N
Monitor Size	5.7"	5.7"	4.3"	4.3"	4.3"
Splice Time	8 Sec	8 Sec	8 Sec	6 Sec	7 Sec
Heating Time	26 Sec	26 Sec	26 Sec	26 Sec	26 Sec
Battery Capacity	8800mAh	8800mAh	5800mAh	5800mAh	4400mAh
Splice&Heating Cycle Per Battery Full Charge	250	250	240	240	220
Magnification XY	300X	300X	250X	250X	250X
Size(With Rubber but without windproof cover)	190mm(L)×170mm(W)×145mm(H)	190mm(L)×170mm(W)×145mm(H)	152mm(L)x120mm(W)x105mm(H)	160mm(L)x130mm(W)x110mm(H)	200mm(L)x123mm(W)x95mm(H)

Comparison Chart

Model	X-86H	X-86	X-97	X-800	X-600
Picture					
Size(With Rubber & windproof cover)	190mm(L)×170mm(W)×170mm(H)	190mm(L)×170mm(W)×170mm(H)	\	160mm(L)x130mm(W)x140mm(H)	\
Weight(Without Battery)	2.55kg	2.55kg	1.55kg	1.80kg	1.30kg
Weight(With Battery)	3.10kg	3.10kg	1.95kg	2.20kg	1.60kg
Inductive heater	No	No	No	Yes	Yes
Splicing fiber type	Naked fiber, pigtail, patch cords, drop cable	Naked fiber, patch cords. Drop cable is not available	Naked fiber, pigtail, patch cords, drop cable	Naked fiber, pigtail, patch cords, drop cable	Naked fiber, pigtail, patch cords, drop cable
Ruggedization with rubber armor	Yes	Yes	No	Yes	No
Application projects	more suitable for outdoor projects	more suitable for outdoor projects	more suitable for indoor projects,eg FTTH	more suitable for indoor projects,eg FTTH	more suitable for indoor projects,eg FTTH

Exhibitions

ICT COMM 2016
(Hanoi, Vietnam)

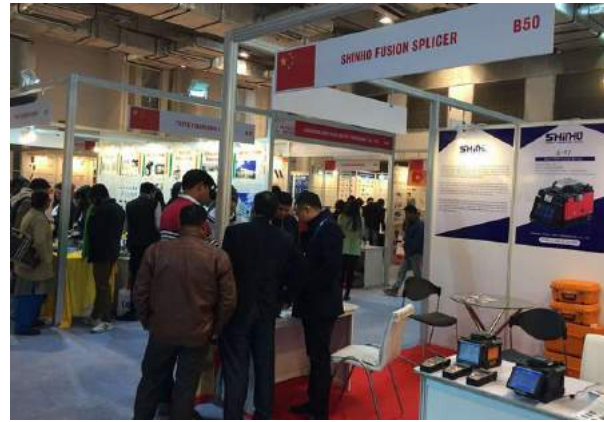CommunicAsia2016
(Singapore)

CCBN2016
(Beijing, China)

CCBN2017
(Beijing, China)

NETCOM2015
(Sao Paulo,Brazil)

CIOE 2016
(Shenzhen, China)

Convergence 2016
(New Delhi, India)

AfricaCom 2016
(Capetown, South Africa)

Thanks!

Shanghai Shinho Fiber Communication Co., Ltd

www.xhfiber.com/en

marco.meng@xhfiber.com