

# Mini4S+ Standard Package



Mini4S+ available in either pelican backpack or yellow hard case

www.FiberFoxAmerica.com

# Mini 4S+

4Motors Active Alignment Splicer



## FiberFox MiniSeries Splicers 12R+, 6S+, 5C+, 4S+ The Most Complete Fusion Splicer Kit

MiniSeries Splicer	Cooling Tray	Lint Free Swabs (100) (12R+)	Car Charger
Precision Cleaver w/ Auto Bin & Soft case	FOX-SOC HOLDER	5x Magnifier with LED Light (12R+)	USB Firmware Update Cable
Extra Precision Cleaver (12R+)	FOX-SOC HOLDER2/3	V-Groove Cleaning Pen (12R+)	Three-Hole Stripper
Thermal Stripper (All Kits)	SL60-100 Splice Sleeves (6S+,5C+,4S+)	Anti Static Brush (12R+)	Phillips Screwdriver
- includes AC adapter, Brush	SL40R-50 Splice Sleeves (12R+)	Sweeper Brush (12R+)	Power Cord / AC Adapter
Two Battery Packs (All Kits)	"One Tap" Cleaning Fluid	SOC Heater Block	Soft Cover User Manual / CD
Fiber Holders (2pr-250,900) (6S+,5C+,4S+)	Lint Free Wipes (50)	Spare Electrodes (pair)	Yellow Hard Case
Fiber Holders (3pr-12f,250,900) (12R+)	Splice Tray Holder		w/ Shoulder Strap

## Specifications

Splicing Method	Active Alignment DAA(Digitalized Active Alignment)
Average Loss	SM(0.03dB) / MM(0.01dB) / DS(0.05dB) / NZDS(0.05dB) / G.657(0.03dB)
Return Loss	>>60dB
Splice Time	SM Quick mode : 6 sec. / SM Average : 8 sec.
Electrode Lifespan	>5,500 arcs
Applicable Fiber	SM(ITU-T G.652&G.657), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655), IT-G657A, IT-G657B / 0.25mm, 0.9mm, 2.0mm, 2.4mm, 3.0mm, FLAT(indoor cable)
Cleaved Length	Coating Diameter < 0.25mm = 5-16mm, Coating Diameter > 0.25mm = 8-16mm minimum
Coating Diameter	100 ~ 3,000um
Cladding Diameter	80-150um
Heating Programs	Factory installed mode : 4, User installable mode : 32
Heating Time	Typical: 10 sec. (60mm sleeve) / 5 sec. (Micro sleeve: 60mm cutting diameter 250um)
Protection Sleeve	20, 25, 30, 35, 40, 50, 60mm, Micro sleeve
Data Output	USB 2.0
Splice Programs	Factory installed mode: 12, User installable mode: 128
Splice Memory	Up to 10,000 records and 2,000 splice images
Illumination	LED emitting white light ( 1 piece)
Battery	Typical 220 Cycles (Splice & Heat) / single battery < 2 Batteries Standard>
Power Supply	AC 100-240V input or DC 12.6V 1.8A
Monitor	Color 4.3" LCD monitor, with Touch Screen (Tempered Glass)
Cameras	2 CCD camera system
Magnification	XY style : 160 power, X/Y : 320 power
Weight & Size	1.43kg (without battery) / 123mm X 124mm X 138mm
Wind Protection	The max wind speed 15m/s
Operating Environment	Elevation 0-5,000 meter, -10-50°C, 0-95% relative humidity
Storage Condition	Temperature -20 to 60°C, 0-95% relative humidity, battery -20-40°C
Pull Test	1.96-2.25N (standard)
Attenuation Splicing	Range : 0.1dB ~ 20dBd (0.1dB step)

## Four Motors Active Alignment Splicer

Compatible with all leading Splice-on Connectors

- Mini4S+ includes larger, more durable case
- LED Lights instead of mirrors
- Auto rotate screen monitor
- Redesigned and faster heater (10s for 60mm sleeve)
- Preheat heating mode (6s for 60mm sleeve)
- Higher screen resolution
- Innovative splice tray holder

1.43  
kg

440  
cycles

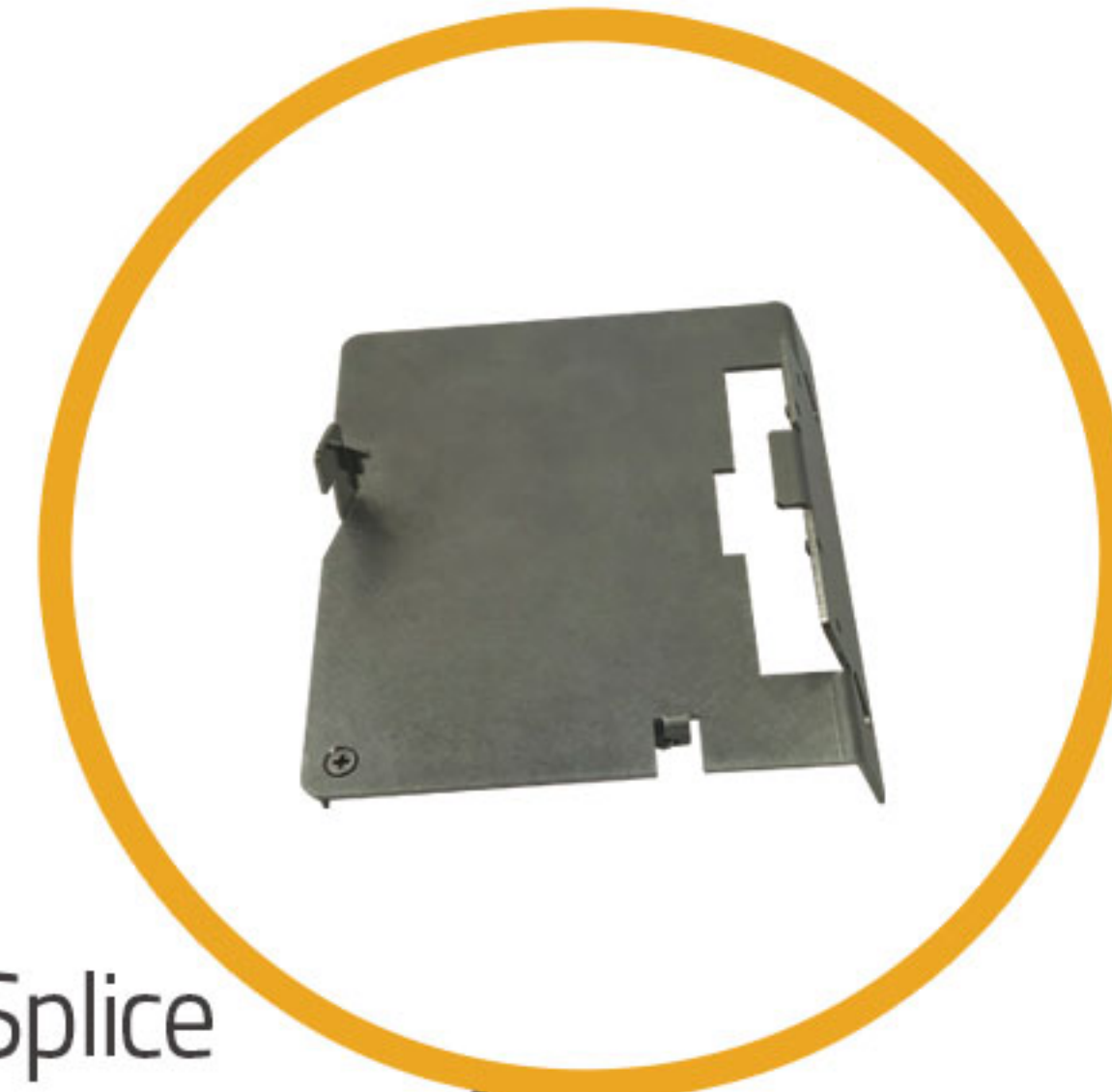
6  
sec

0.03  
dB

# Characteristic



SOC compatible with all major brands



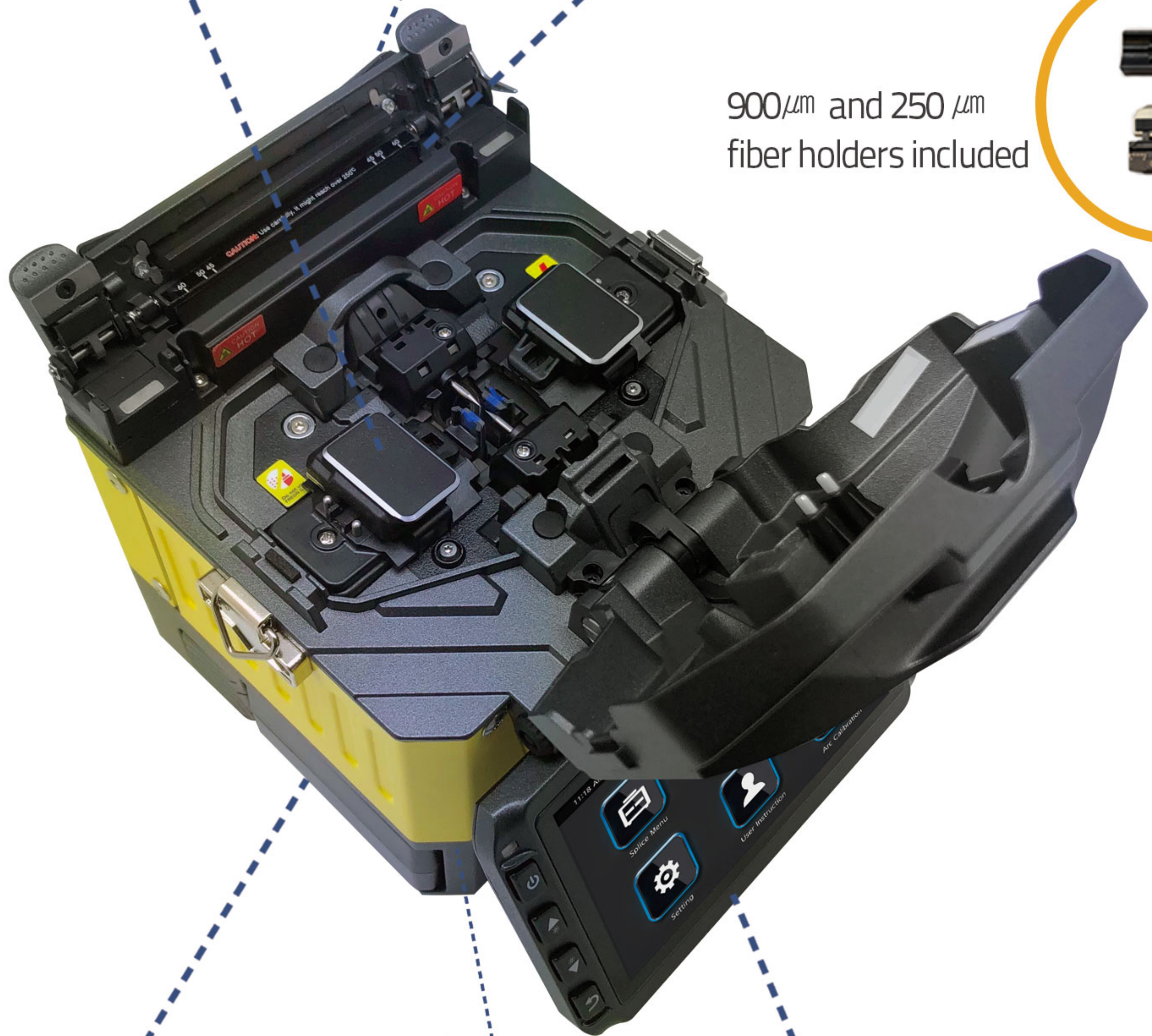
Splice Tray Holder



Fast Heating Time  
10 sec (6 sec with continuous heating mode)



900µm and 250µm fiber holders included



# Mini 4S+

1.43kg  
(Without Battery)  
124 x 123 x 138 mm



**Industry's First!**  
Two Batteries are Included  
- 220 cycles (splicing & heating) with Two Batteries



Thermal Stripper Included

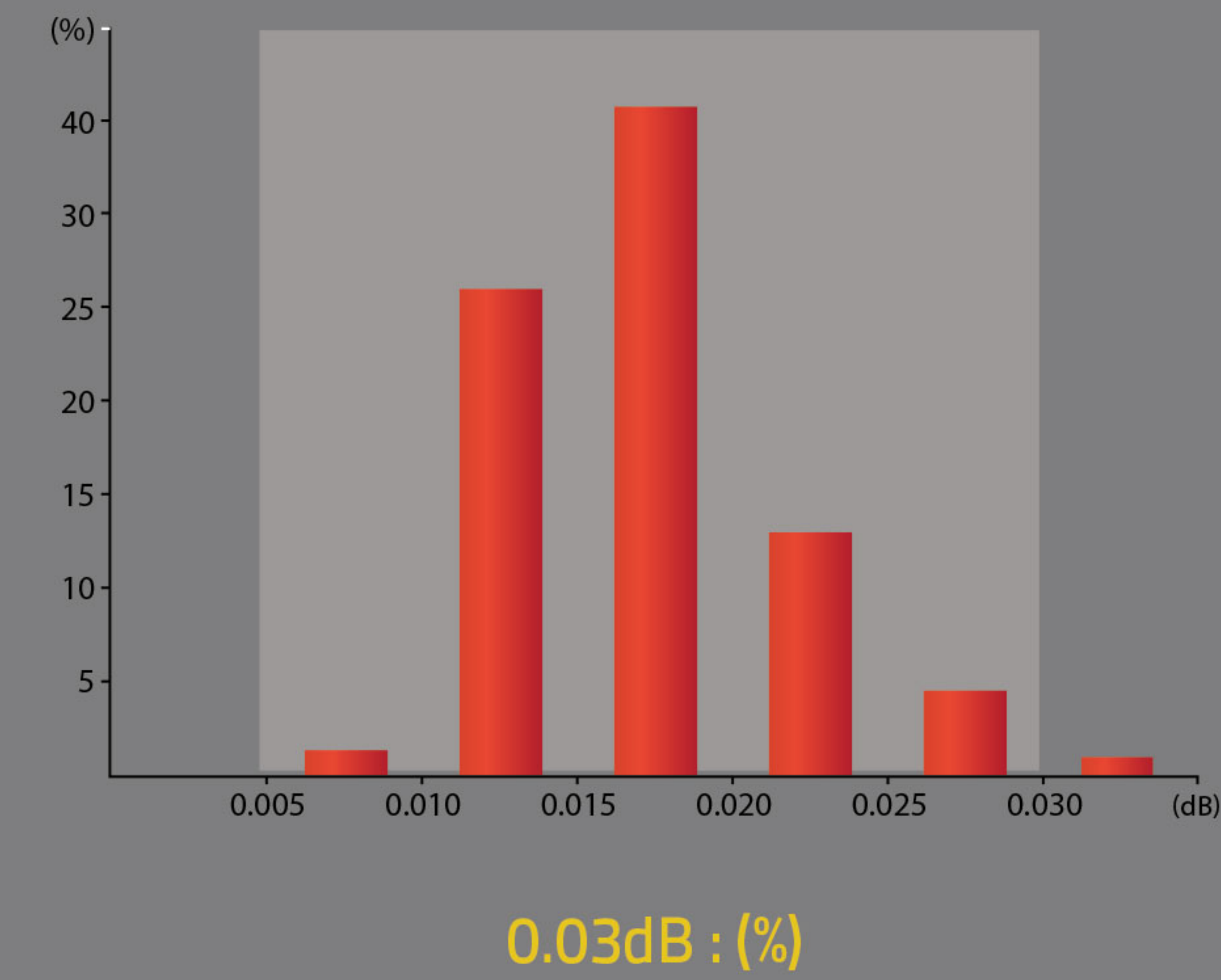


Full Touch Screen  
- GUI Interface  
- Tempered Glass

## 01

### Performance

Guaranteed Stability and Splicing Performance



## 02

### The Fastest Splicing Time



6sec

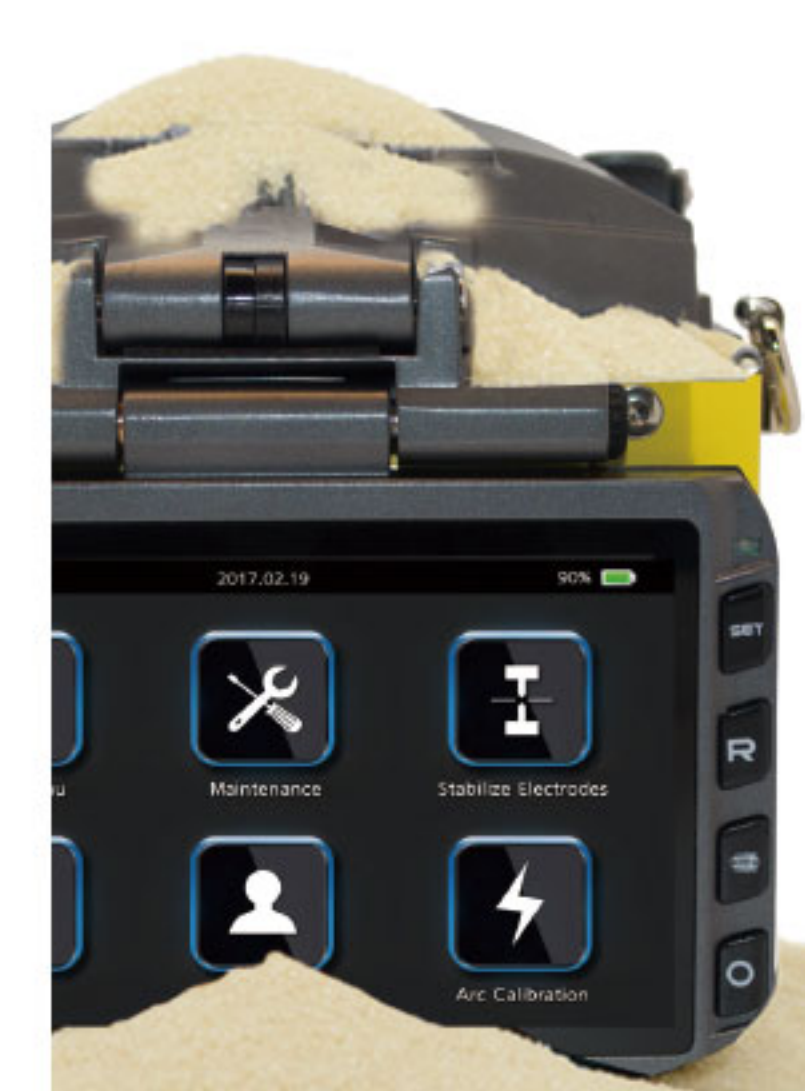
## 03

### Durability



1meter

Anti-shock



Dustproof

IP52 Ingress Protection Rating

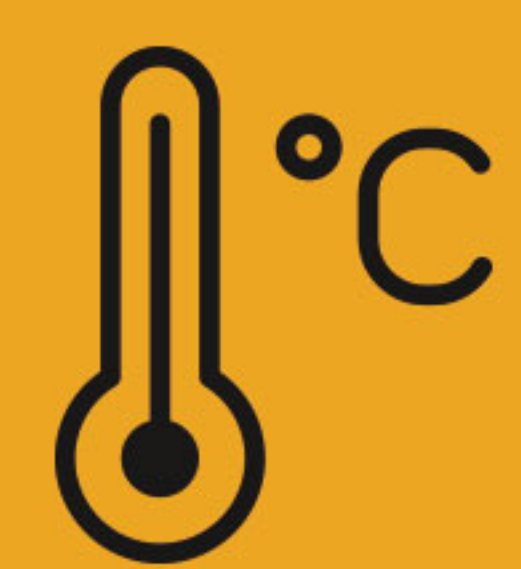
Waterproof



## 04

### Reliability

Perfect performance under any environmental conditions



Temperature  
-15~60°C



Relative humidity  
0~95%



Elevation  
0~5000meter



The max wind speed  
15m/s

Compliant with IEC Standard