

# FX37

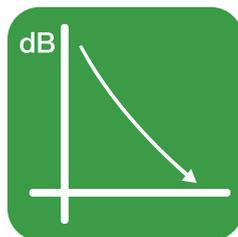
## High Precision Fusion Splicer



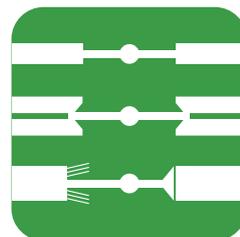
Splicing time  
7s



Heating time  
18s



Splicing Loss  
0.01dB



3-in-1 Holder  
0.25~3.0mm



Water/Dust/Shock  
Resistant

# Specifications

Alignment method	Precise core alignment and cladding alignment
Applicable fibers	Any common optical fibers.rubber-insulated fibers and jumpers that meet requirements of ITU-TG.651-653,ITU-TG.655 and ITU-TG.657
Optical fiber diameter	Cladding:80~150mm, coatinglayer:0.1~3mm
Cuttlinglength	5~16mm(coated optical fiber diameter $\leq$ 250 $\mu$ m);10mm(coated optical fiberdiameter: 0.25~3mm)
Fusion splicing consumption(typical value)	0.02dB(SMF); 0.01dB(MMF); 0.04dB(DSF); 0.04dB(NZDSF)
Return loss	Better than 60dB
Fusion splicing time (typical value)	7s
Heating time(typical value)	18s
Pulling force test	1.96~2.25N
Thermal shrinkagetube	60mm, 40mm and a series of thermal shrinkage tubes
Graphical display	High-performance 4.3 inch lcd
Magnification time	320 times/88 times
Fusion splicing record	10000 groups
Battery capacity	11.1V, 6800mAh, typical value offusion splicing and thermal cycle is 330 times
Battery servicelife	Cycle charging times reach 300~500, can be replaced by customers
Electrode servicelife	Typical value is 4000 times, can be replaced by customers
Construction lighting	Built-in lights with high-brightness and wide lighting area
Working environment	Temp:-10~50°C; hum:0~95%RH,height above sealeve1:0~6000m
Operation interfaces	GUI graphical operation interfaces
External power	AC:AC100~240V,60Hz,0~1.5A,DC:DC10~15v
External port	USB/SD
Dimensions	120mm(W) $\times$ 130mm(H) $\times$ 154mm(D),(without rubber anti-vibration pad)
Weight	1.59kg(host engine).0.37kg(battery)

# Product configuration

