

FX37 Core Alignment Fusion Splicer

Economical Solution for Integrated Fiber Preparation Tool Demand



4.3 INCHES
GUI



WATERPROOF



SILICA GEL
PROTECT PADS



DETACHABLE COOLING
TRUNK

Main characteristics

- 4.3-inch high definition capacitive touch screen.
- 320 times image magnification, 5mm fusion splicing for fibers of ultra-short cutting length
- 300 groups of fusion splicing modes, 100 groups of heating modes
- USB and SD card interfaces, U-disk automatic software upgrade
- built-in modular lithium battery, supports 330 times of splicing and heating.
- 7s fast fusion splicing, 18s highly efficient heating.
- Precise fiber core alignment, ultra-low fiber fusion splicing consumption
- 10000 groups of fusion records, 64 images storage
- Ceramic presser foot, ceramic V-block, all-in-one fixture
- Dual-direction splicing, automatic splicing, intelligent pyrocondensation

PRODUCT DISPLAY



FRONT



SIDE

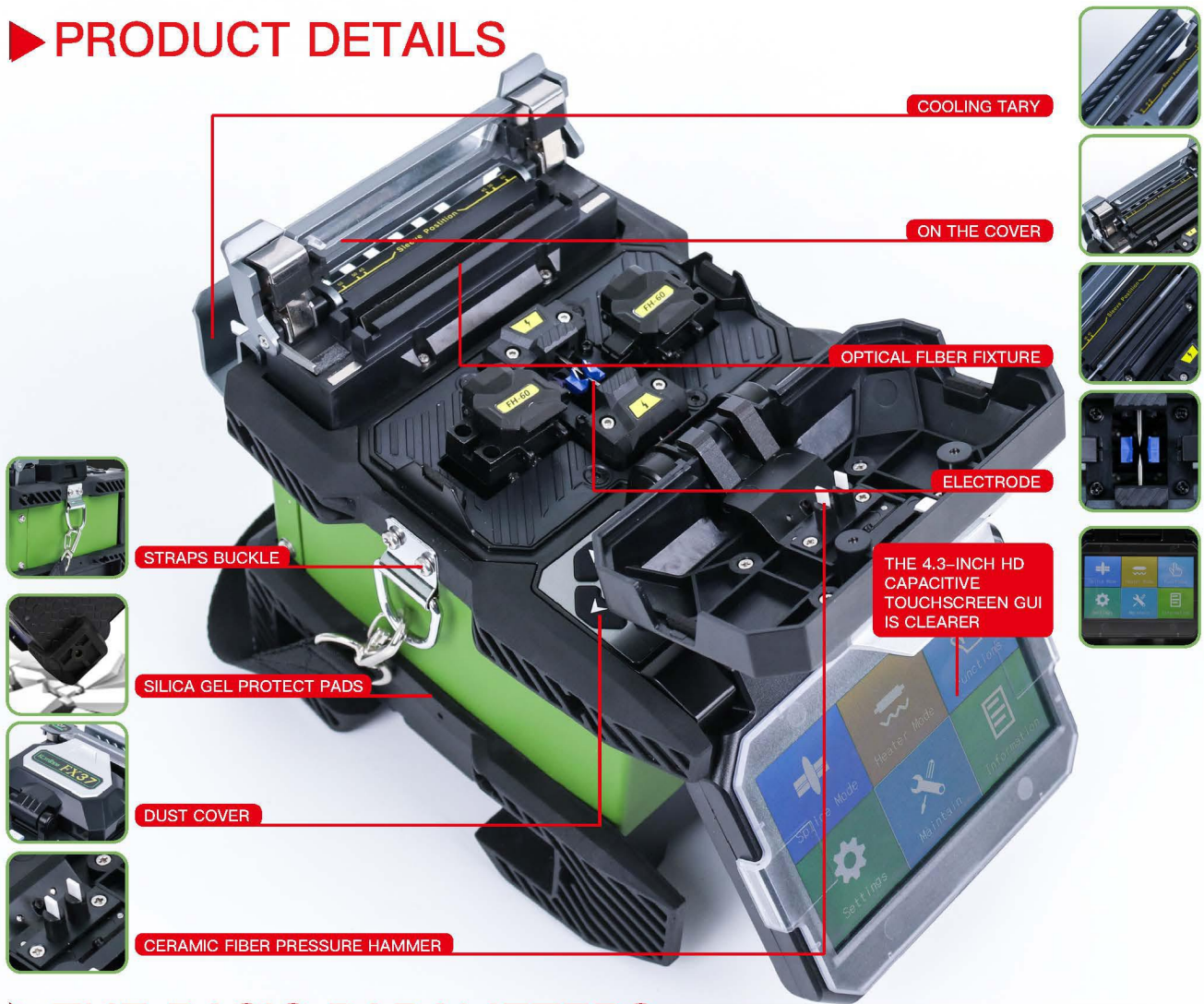


TOP



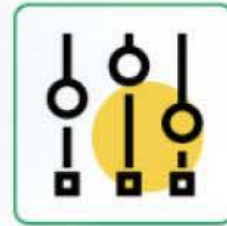
PACKAGING

▶ PRODUCT DETAILS



▶ THE BASIC PARAMETERS

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≤250μm);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 of fusion 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)×130mm(H)×154mm(D),(without rubber anti-vibration pad)
Weight	1.59kg(host engine).0.37kg(battery)



Splicing time

7S



Heating time

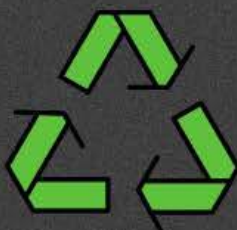
18S



330times



6800mAh



recycled



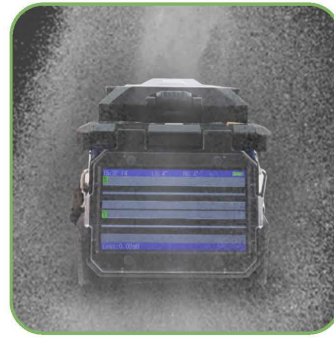
▶ PRODUCT FEATURES



WATERPROOF



EXPLOSION-PROOF

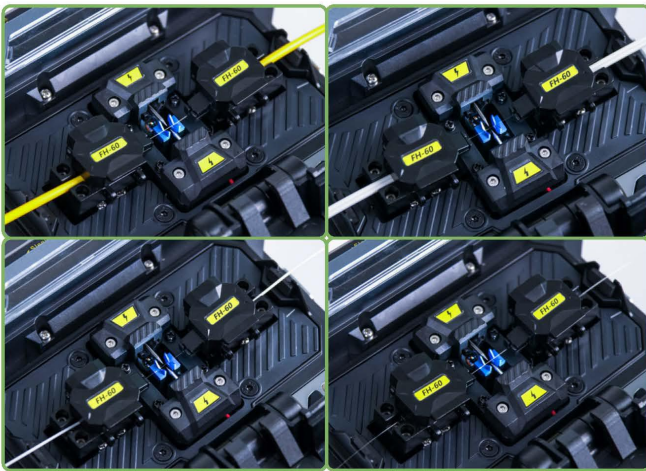


DUSTPROOF



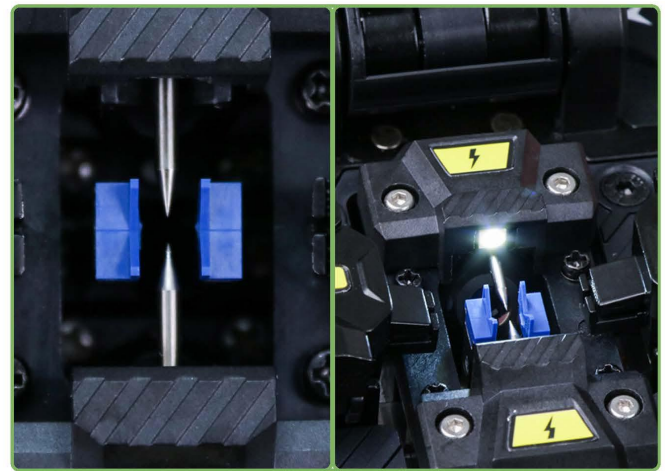
DROP

▶ DETAIL INTRODUCTION



COMPATIBLE FIBER/CABLE

0.25mm/0.9mm/3.0mm/flat/drop cable



ELECTRODE

4,000 times splicing without exchange. Led lighting, easy to use in dim environment.



SILICONE KEYPAD

the key is waterproof and dustproof. Comfortable hand feeling.



TERMINAL

USB,SD,External Power.Silica gel pads are more effective in protecting machines.

CONFIGURATION LIST

