Komshine
enabling today, inspiring tomorrow

Enabling today.
Inspiring tomorrow.

FX37

Core Alignment Fusion Splicer

4.3 INCHES GUI

WATERPROOF

DURABLE& RUGGED

DETACHABLE COOLING TRANK

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
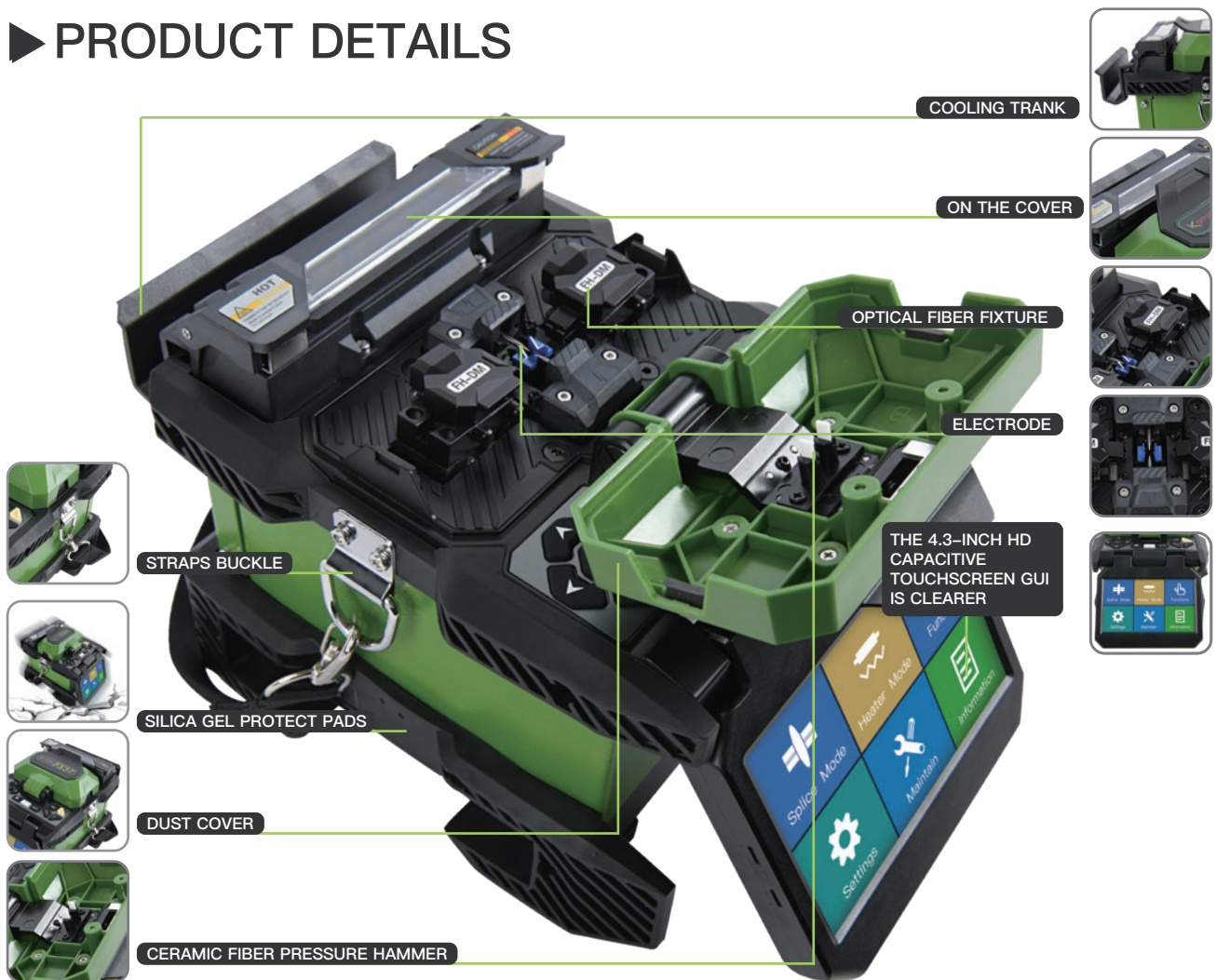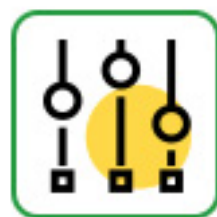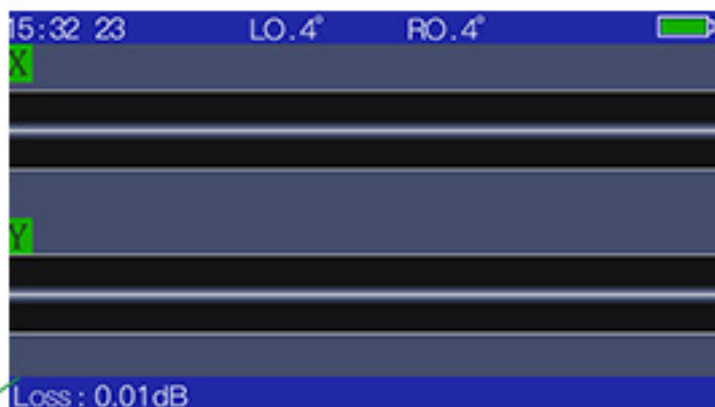
PRODUCT DISPLAY

FRONT

SIDE

TOP

PACKAGING

▶ PRODUCT DETAILS

COOLING TRANK

ON THE COVER

OPTICAL FIBER FIXTURE

ELECTRODE

THE 4.3-INCH HD CAPACITIVE TOUCHSCREEN GUI IS CLEARER

STRAPS BUCKLE

SILICA GEL PROTECT PADS

DUST COVER

CERAMIC FIBER PRESSURE HAMMER

▶ 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
Cutting length	5–16mm(coated optical fiber diameter≤250μm);10mm(coated optical fiberdiameter：0.25~3mm)
Fusion splicing consum ption(typical value)	0.02dB(SMF)；0.01dB(MMF)；0.04dB(DSF)；0.04dB(NZDSF)
Retum loss	Better than 60dB
Fusion splicing time (typical value)	7s
Heating time(typical value)	18s
Pulling force test	1.96~2.25N
Thermal shrinkage tube	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 service life	Cycle charging times reach 300–500, can be replaced by customers
Electrode service life	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℃；hum:0~95%RH, height above sealevel: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)

Loss : 0.01dB

Splicing time
7S

Heating time
18S

330 times

6800 mAh

Battery Level Indicator

Recycled

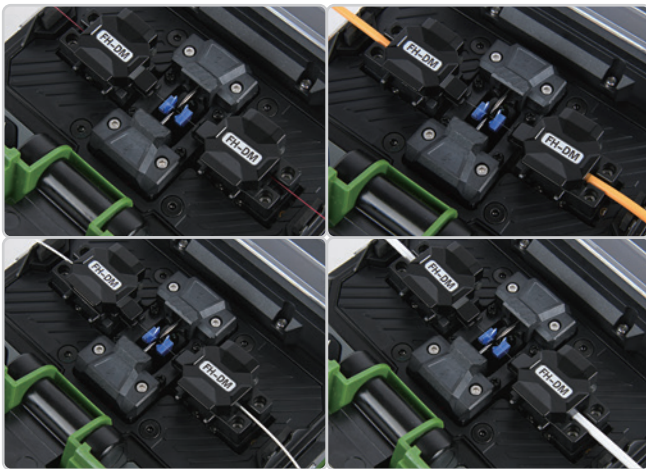# ▶ PRODUCT FEATURES

WATERPROOF

EXPLOSION–PROOF

DUSTPROOF

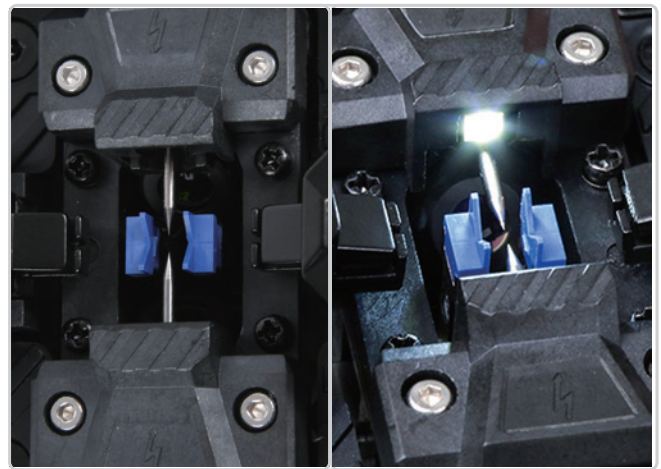DROP

▶ DETAIL INTRODUCTION

COMPATIBLE FIBER/CABLE

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

ELECTRODE

4,000 times spliciling 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