

T45 Core Alignment Fusion Splicer

Economical Solution for Integrated Fiber Preparation Tool Demand



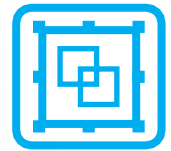
4.3 INCHES
GUI



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

T45

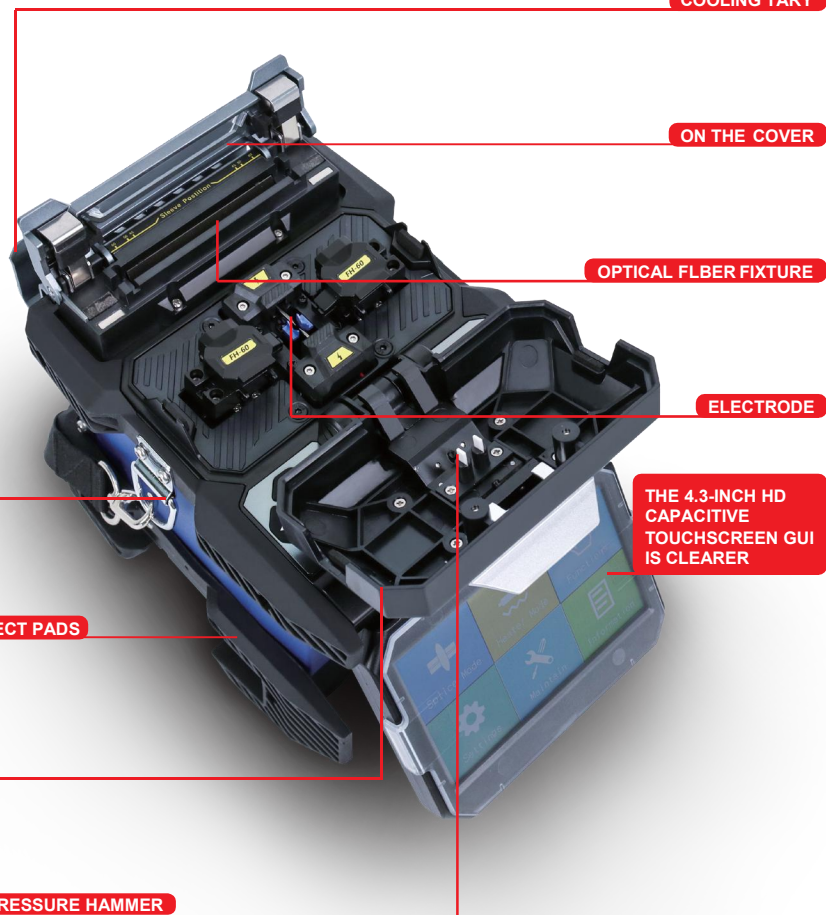


STRAPS BUCKLE

SILICA GEL PROTECT PADS

DUST COVER

CERAMIC FIBER PRESSURE HAMMER



COOLING TARY

ON THE COVER

OPTICAL FLBER FIXTURE

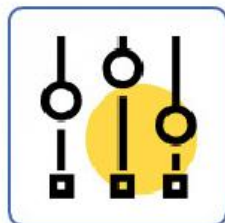
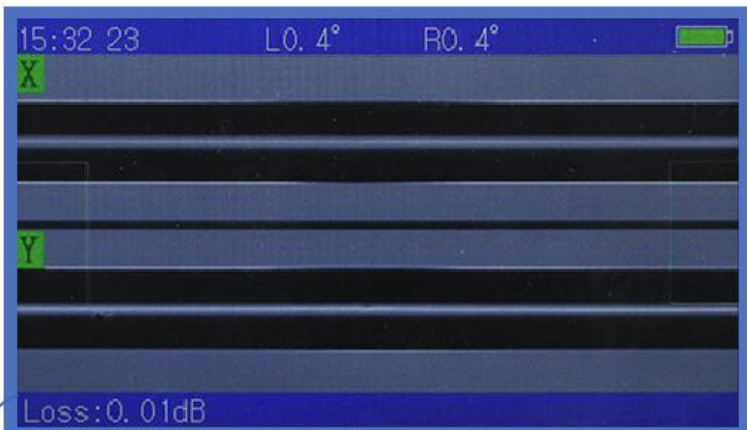
ELECTRODE

THE 4.3-INCH HD CAPACITIVE TOUCHSCREEN GUI IS CLEARER



▶ 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 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
Extetal power	AC:AC100~240V,60Hz,0~1.5A,DC:DC10~15v
Extetal 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

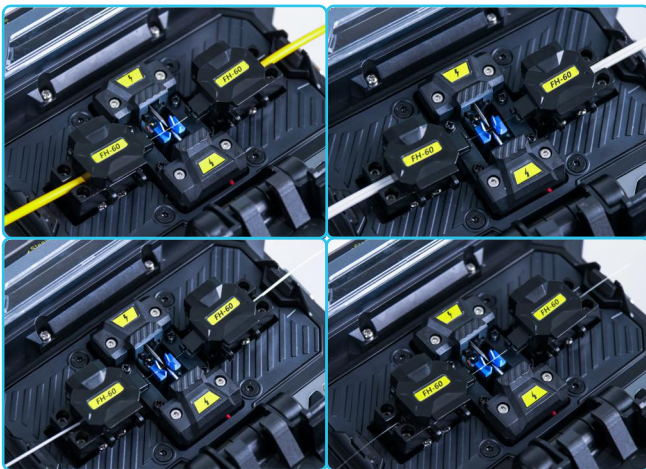


DUSTPROOF



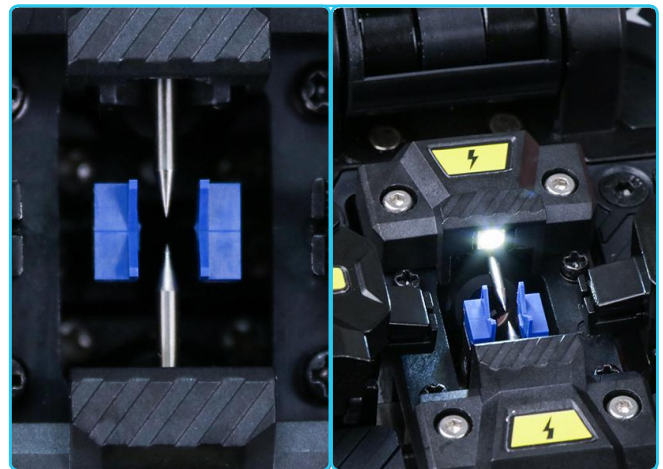
DROP

▶ 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 dust-proof
Comfortable hand feeling.



TERMINAL

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

CONFIGURATION LIST

