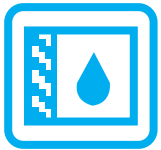


# T43 Core Alignment Fusion Splicer

Economical Solution for Integrated Fiber Preparation Tool Demand



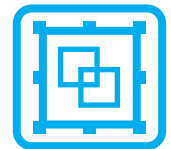
5.0 INCHES  
GUI



WATERPROOF



DURABLE &  
RUGGED



DETACHABLE COOLING  
TRUNK

## Main characteristics

- Electrode Life: 4,000 times splicing
- 5.0 Color LCD Monitor
- Average Splicing Loss: 0.02dB
- Shock Proof, Dust Proof and Water Proof
- HD CMOS sensor and HD aligner for duple separate optical fibers
- The carrying case built-in worktable
- Up to 200 times of continuous splices and heat
- Splice 0.25mm/0.9mm/3.0mm/ Flat cable
- Ideal for both indoor and outdoor splicing
- Take only 9 Seconds for Splicing,30 Seconds for Heating

## PRODUCT DISPLAY



FRONT



SIDE



TOP



WORKTABLE  
CARRYING CASE

## ▶ PRODUCT DETAILS

# T43

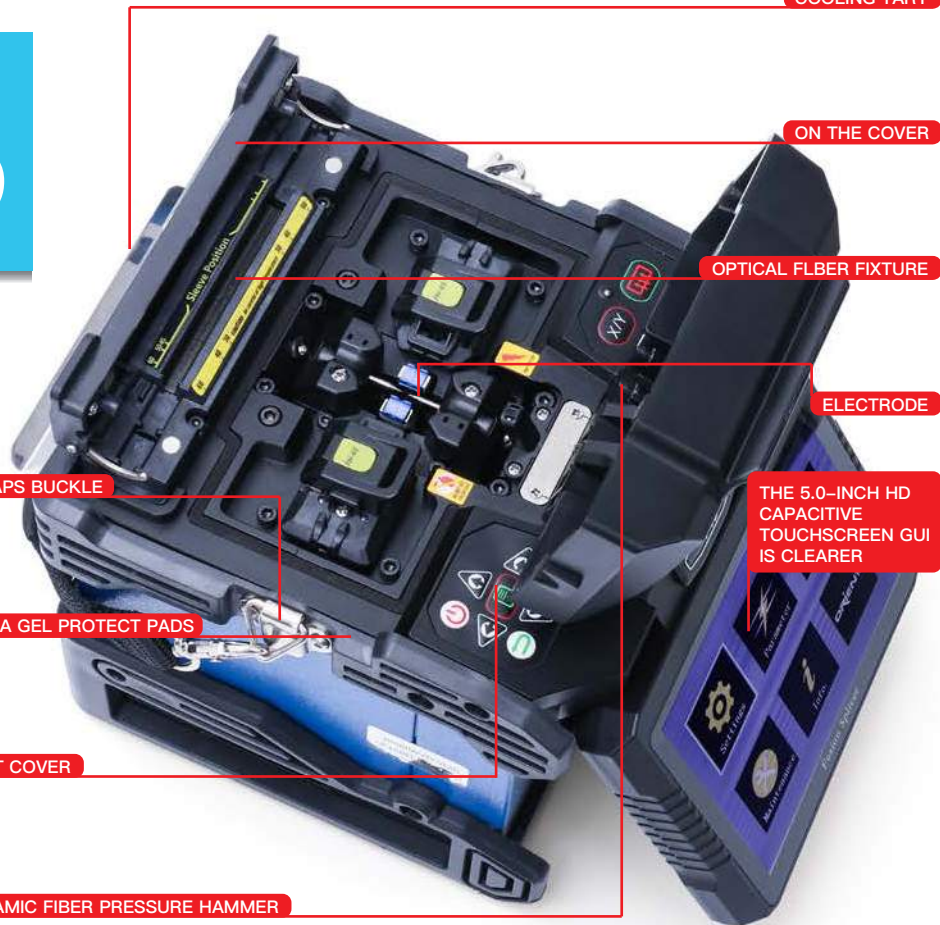


STRAPS BUCKLE

SILICA GEL PROTECT PADS

DUST COVER

CERAMIC FIBER PRESSURE HAMMER



COOLING TARY

ON THE COVER

OPTICAL FLBER FIXTURE

ELECTRODE

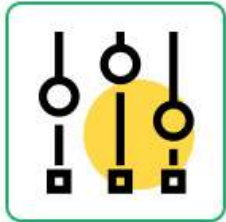
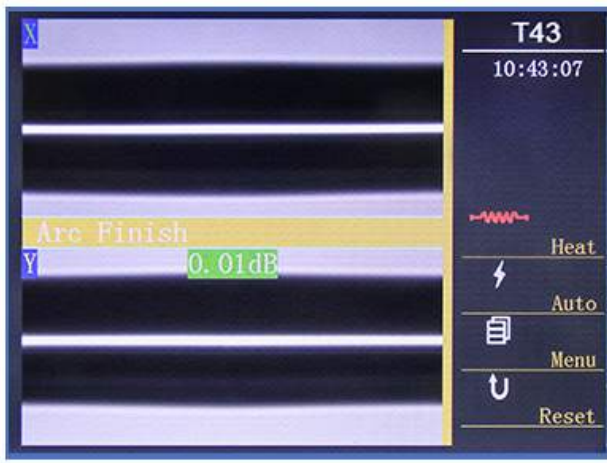
THE 5.0-INCH HD CAPACITIVE TOUCHSCREEN GUI IS CLEARER



## ▶ THE BASIC PARAMETERS

Subject	Description
Alignment	IPAS Core to Core Alignment (Image Pattern Analysis Alignment System)
Applicable fibers	SMF(ITU-T G.652), MMF(ITU-T G.651), DSF(ITU-T G.653), NZDSF(ITU-T G.655), EDFA, E1980, Splicing available with different type fiber(SM/MM), ITU-T G.657
Compatible Fiber / Cable	0.25mm/0.9mm/3.0mm/ Flat/Drop cable
Fiber cleave length	250 um(Coat) : 8 ~ 16mm, 900um : 16mm
Typical splice loss	SMF : 0.02dB, MMF : 0.01dB, DSF : 0.04dB, NZDSF : 0.04dB
Return loss	Less then -60dB
SPLICE Time	SPLICE : Typical 9sec, Tube Heat : Typical 30sec with S-160(60mm) Tube
Program	SPLICE Mode : 100, Heat Mode : 50
Storage of splice result	4,000 results
Operating altitude	0 ~ 5000m above sea level
Operating condition	-10°C to 50°C , humidity : 95%, non-Condensing
Storage condition	-40°C to 80°C , 0 to 95% RH
Protection	Wind 15m/s , shock proof, water proof, dust proof
SIZE, Weight	130W 130L 135H (include Monitor), 2.2Kg (Exclude Battery)
Terminal	USB, External Power
Power	DC 14.8V Battery (7800mAh), 100 ~ 240V AC Adapter
Additional power	DC 12V automobile power outlet available
No of splice/Heating with Battery	200cycle, lithium polymer batteries
Electrode	4,000 times splicing without exchange
Languages	English, Spanish, French, Chinese, Portuguese, Italiano, Russian, Indonesia, Turkish
Display	Two CMOS cameras and 5.0 color LCD monitor
Fiber view and magnification	X/Y 300X, 170X





Splicing time

**9S**



Heating time

**30S**



**200times**



**5200mAh**



**recycled**



## ▶ PRODUCT FEATURES



WATERPROOF



EXPLOSION-PROOF

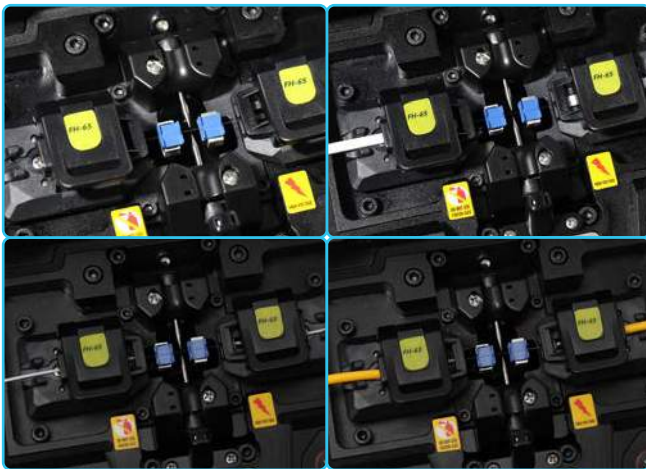


DUSTPROOF



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.



### ELECTRIC QUANTITY

“One-click” for checking battery power No need open the machine ing machines.

# CONFIGURATION LIST



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