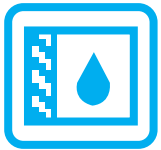


# T43 Core Alignment Fusion Splicer

Economical Solution for Integrated Fiber Preparation Tool Demand



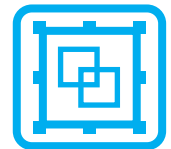
5.0 INCHES  
GUI



WATERPROOF



DURABLE &  
RUGGED



DETACHABLE COOLING  
TRANK

## 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

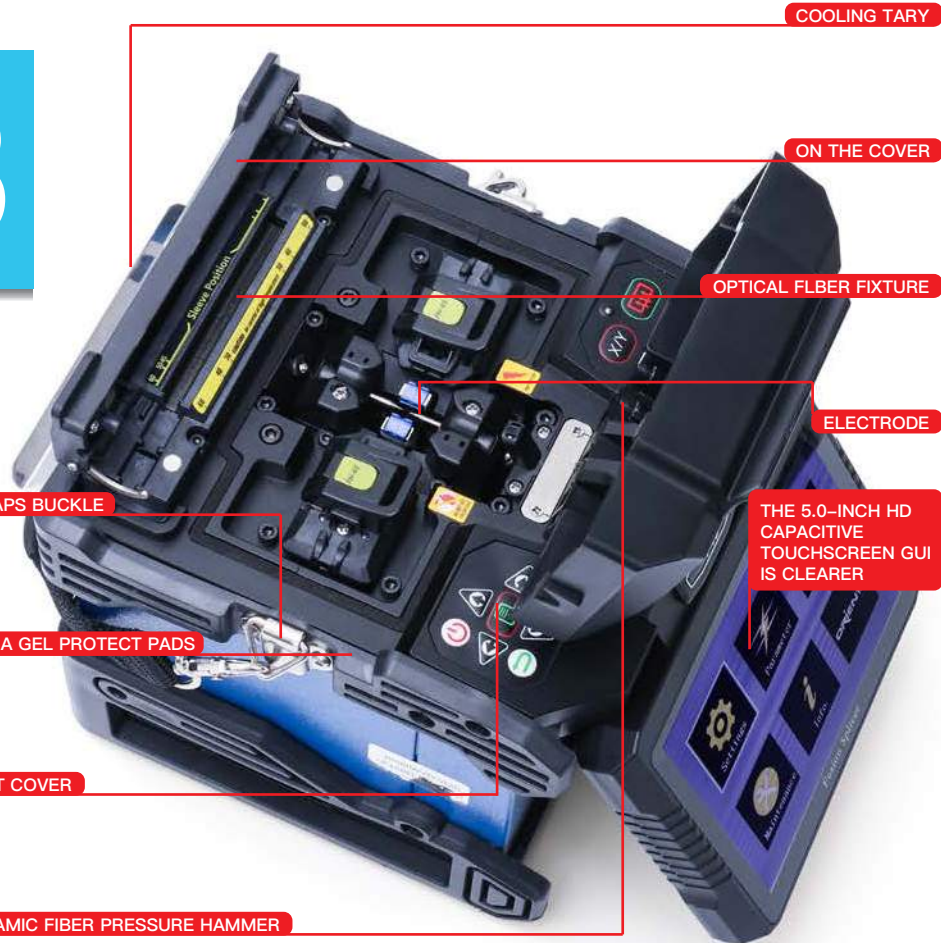


STRAPS BUCKLE

SILICA GEL PROTECT PADS

DUST COVER

CERAMIC FIBER PRESSURE HAMMER



COOLING TARY

ON THE COVER

OPTICAL FLBER FIXTURE

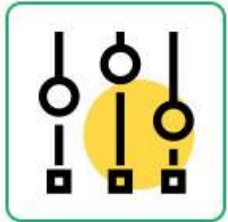
ELECTRODE

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

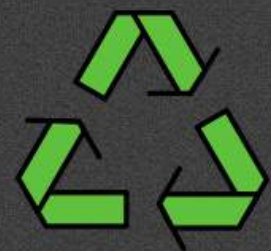
**30S**



**200times**



**5200mAh**



**recycled**

## ▶ PRODUCT FEATURES



WATERPROOF



EXPLOSION-PROOF

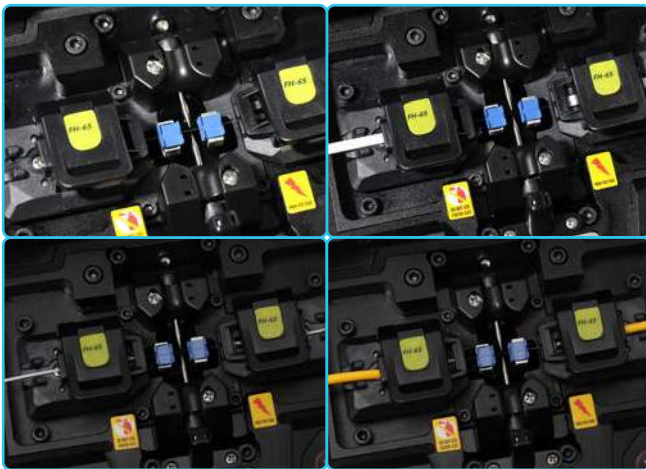


DUSTPROOF



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

