FST-15H

tumtec® | 👍 Thumbs-up Technology

FTTx Active Cladding Alignment Fusion Splicer

Auto splice mode manifest user-friendly design

Dust-proof, water-proof, high-temperature resistance, adapting to various altitude and formidable nature conditions

4.3" high resolution color LCD touch screen, 380X magnification, visible clearly with bare eyes

Packed with detachable 4000mAh battery, more than 180 times of splicing and heating

3 high-power white LEDs and illuminated keypads simplifies your work at night

Detachable multifunction fixture, suitable for various fiber type

German CNC technique and integrated fiber-adjust frame, which make performance much stable

Built-in Japanese components and Korean chipset

3s Turn On

6s Fast Splicing

13s Heating

STABLE INTELLIGENT ECONOMIC CONVENIENT

Priority model for FTTx

Splicer Master FST-15H

Active Cladding Fusion Splicer

Combining domestic with foreign technologies, Tumtec has been dedicated to providing professional optical fiber solution and become the renowned fusion splicer & fiber cleaver manufacturer for 16 years.

Standard Accessories

Fusion splicer FST-15H*1
Fiber cleaver*1
Battery*1
Power adapter*1
AC power line*1
Back-up electrode*1
Cooling tray*1
Carrying case*1
Carrying strap*1
User manual*1
Splicing test report*1
Fiber stripper*1
Drop cable stripper*1
Alcohol bottle*1

Equipment Parameters

Model	FST-15H
Dimension	130W*155L*125H (excluding rubber bumper)
Weight	1750G (with battery) / 1370G (without battery)
Number of Fiber	Single
Applicable Fibers	SM(ITU-T G.652& G.657)/MM(ITU-T G.651)/DS(ITU-T G.653)/NZDS(ITU-T G.655)
Compatible Fiber/Cable	0.25 - 3.0mm/Indoor Cable
Cleaved Length	Diameter: 0.125 - 1 mm/Cleave Length: 8-16mm
Cladding Diameter	80 - 150 μm
Splicing Mode	Pre-set 41 splicing modes, max 100 modes
Heating Mode	Pre-set 5 heating modes (20/30/40/50/60mm), max 100 modes
Typical Splice Loss	SM: 0.03dB / MM: 0.02dB/ DS: 0.05dB / NZDS: 0.05 dB/ G.657: 0.03dB (ITU-T Standard)
Return Loss	$\geqq$ 60dB
Lighting	3 White LEDs
Splicing Time	Quick mode: 6s
Estimated Splice Loss	Available
Heating Sleeve Length	20 - 60 mm
Heating Time	Quick heating time: 13s, typical heating time: 30s
Results Storage	20000 latest records & 200 images
Tension Test	1.96 - 2.25N
Operating Condition	Operating Altitude: 0 - 5000m above sea level, 0 - 95% relative humidity, - 10 ~ 50 ℃, Max Wind 15m/s
Storage Condition	0 ~ 95% relative humidity, -40 ~ 80℃
Display	90° bi-directional view, 4.3" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 380X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating with Battery	4000mAh Battery Capacity, Typical 180 times (Splice + Heat)
Operating Methods	Button/Touch Screen
Automatic Calibration	Automatic arc calibration by air pressure and temperature
Electrode Life	5000 arcs
Terminal	Mini USB 2.0