



HY-99

FTTx ACTIVE CLADDING ALIGNMENT FUSION SPLICER



6s Splicing
13s Heating

Working at Height
5000m Altitude

5000 Electrodes Life
3 White LED's

4.3" TouchScreen
380X Magnification

Active V-Groove
20000 Records

- COMPACT ACTIVE CLADDING ALIGNMENT OPTICAL FIBER FUSION SPLICER
- 4.3" HIGH RESOLUTION LCD TOUCH SCREEN WITH 380X MAGNIFICATION
- GERMAN CNC TECHNIQUE AND INTEGRATED FIBER ADJUST FRAME MAKES PERFORMACE STABLE
- BUILT-IN JAPANESE COMPONENTS AND KOREAN CHIPSET
- DETACHABLE MULTIFUNCTION FIXTURE, SUITABLE FOR VARIOUS FIBER TYPES
- 3 HIGH POWR WHITE LED'S AND ILLUMINATED KEYPADS SIMPLIFIES YOUR WORK AT NIGHT
- ULTRA LIGHT WEIGHT, ULTRA COMPACT SIZE, HANDHELD, RUBBER BUMPER PROTECTION
- AUTO SPLICE MODE, USER FRIENDLY DESIGN, SMART CONNECT INTERNET
- DUST-PROOF, WATER-PROOF, SHOCK-PROOF AND HIGH TEMPERATURE RESISTANCE

* HYTT reserve the right to change/modify the design, properties and products without prior notice

FTTx ACTIVE CLADDING ALIGNMENT FUSION SPLICER

Equipment Parameters

Model	HY-99
Dimension	115W*160L*135H (excluding rubber bumper) / 120W*165L*135H (including rubber bumper)
Weight	1735G (with battery) / 1355G (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 μ m
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	\geq 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 $^{\circ}$ C, Max Wind 15m/s
Storage Condition	0 ~ 95% relative humidity, -40 ~ 80 $^{\circ}$ C
Display	90 $^{\circ}$ 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	4800mAh Battery Capacity, Typical 230 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

Standard Accessories

Fusion splicer
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



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