

FIBER TEST

FOCOMM Fusion Splicer (with toolbox and tools)



FEATURES

- Compact size and light weight.
- Fast splicing time of 7sec, efficient heating time of 18sec.
- 300 groups of splice modes, 100 groups of heating modes, 10000 groups of fusion records.
- Ceramic presser foot, ceramic V groove, all-in-one fixture.
- Large capacity pluggable modular lithium battery.
- GUI (graphical user interface) and touch screen, convenient for operation.
- Dust proof, water proof, shock proof, with great environment adaptability.



OVERVIEW

Optical fiber fusion splicer is compact designed, simple to use and easy to carry. Its body design conforms to the operating principle of human engineering. Fusion can be easily done even in the case of very short optical fibers. It can be used in the production test of all kinds of optical cable line construction, line maintenance, emergency repair, production and test of optical fiber devices and the research and teaching of scientific research institutes. The powerful functions and ultra-low splicing loss of the product meet the requirements of various optical fiber connection applications: It is with high environmental adaptability and reliability. Dust proof, water proof and shock proof. Providing a variety of splice mode and heating mode parameter sets, to meet the needs of users. High-precision ceramic v-groove is applied to make the placement of optical fiber more convenient and accurate. It is easy to clean and convenient to maintenance. A display with touch screen and a graphical menu interface to facilitate user fusion operation; large capacity pluggable modular lithium battery provides reliable guarantee for long time field work.

STANDARD PACKAGE



- 1 x Fusion Splicer
- 1 x High Precision Fiber Cleaver
- 1 x Lithium Battery
- 1 x AC adapter
- 1 x carry case
- 1 x spare electrodes
- 1 x fiber tray
- 1 x alcohol pot
- 1 x single fiber stripper
- 1 x drop cable stripper
- 1 x quick reference guide

SPECIFICATIONS

Model	Fusion Splicer
Alignment method	Cladding alignment (4Motors)
Applicable fibers	Any common optical fibers,rubber-insulated fibers and jumpers that meet requirements of ITU-TG.651-653,ITU-TG.655andITU-TG.657.
Optical fiber diameter	Cladding : 80-150 pm , coating layer : 0.1-3 mm
Splice loss (typical)	0.02dB(SMF),0.02dB(MMF) / 0.04dB(DSF),0.04dB(NZDSF)
Splicing time (typical)	7s (Fast mode)
Heating time (typical)	18s (60mm protection sleeve)
Tension test	1.96-2.25N
Protection sleeve	60mm, 40mm, and a series of protection sleeves
Graphical display	High-performance 4.3 inch LCD
Magnification time	224 times
Fusion records	10000 groups.
Battery capacity	11.1V,6800 mAh
Battery service life	Cycle charging : 300-500 counts, can be replaced by customers
Electrode service life	Typical : 4000 counts, can be replaced by customers
Operation methods	Button / Touchscreen
Construction lighting	Built-in lights with high-brightness and wide lighting area
Working environment	Temp:-10-50°C; Hum: 0-95%RH, height above sea level: 0-6000 m
Operation interfaces	GUI (graphical user interfaces)
External power	AC: 100-240V, 60Hz, 0-1.5A.DC: 10-15V
Port	USB/SD
Dimensions	117mm(W)x140mm(H)x152mm(D)(without rubber anti-vibration pad)
Weight	1.6 kg(the battery not included) / 2 kg(the battery included)

ORDER INFORMATION

PRODUCT	PART NUMBER
FOCOMM Fusion Splicer (with toolbox and tools)	TT-GF-900T