FG-185T

Design in USA

FIBERGATE®

FTTx Active Core to Core Alignment Fusion Splicer

Industrial quad core CPU, high quality and low loss

5'high resolution color LCD touch screen, 400X magnification, visible clearly with bare eyes

Packed with detachable 5200mAh battery, more than 250 times of splicing and heating

High-power LED white light simplifies your work at night

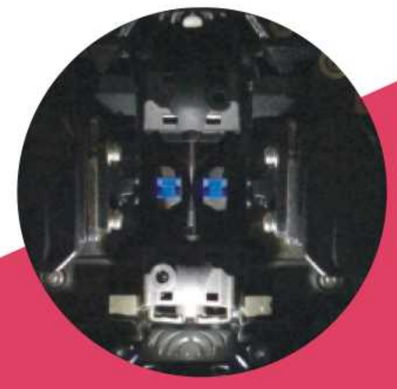
High-power 3 white LEDs simplifies your work at night

Integrated fiber-adjust frame, performation is more stable

Detachable multifunction fixture, suitable for various fiber type

Dust-proof, water-proof, high temperature resistance, adapting to various altitude and harsh environment

Integrated fiber-adjust frame



3 High-power white LEDs light

Detachable multifunction fixture

FUNCTIONAL
EFFICIENT
STABLE
INTELLIGENT

Priority model for FTTx

Splicer Master FG-185T

Optical Fiber Fusion Splicer

Fibergate provide the most professional optical fiber soluction! Owning the strong self R&D team in USA, combine local and foreign technologies, has become the renowned fusion splicer and fiber cleaver manufacture.

Standard Accessories

Fusion splicer FG-185T*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
Miller stripper *1
Drop cable stripper *1
Alcohol bottle *1

Equipment Parameters

Model	FG-185T
Dimension	130 W*160L*145H (excluding rubber bumper) / 140W*165L*145H (including rubber bumper)
Weight	2204KG (with battery) / 1824G (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	≧ 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	The last 2000 results
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, 5.0" Color High Resolution Display
Fiber View & Magnification	X, Y, XY, X/Y: 400X Magnification
Power Supply	AC Input 100 - 240V, DC Input 12 - 15V
No. of Splice/Heating with Battery	5200mAh Battery Capacity, Typical 250 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

Fibergate reserve the right to change the design, properties and products without notice.