



SAT-17K

Optical Fusion Splicer

Features

- ◇ Boot-up fast with 3 sec.
- ◇ Ultra-low splice loss
- ◇ Mirror less design
- ◇ Low weight, less than 1.6kg with battery and bumper
- ◇ Fully automatic heater
- ◇ 6 sec fast splicing
- ◇ Built-in OPM&VFL
- ◇ Compatible with bare fiber, tail fiber and indoor cable
- ◇ Wind protective, dustproof, water-proof





Specifications

Applicable Fibers	SM (single mode), MM (multi-mode), DS (dispersion), NZDS (non-zero dispersion), EDF (Erbium-doped fiber), BIF/UBIF
Average Loss	0.02dB (SM), 0.01dB (MM), 0.03dB (DS), 0.04dB (NZDS), 0.02dB (BIF/UBIF)
Return Loss	≥60dB
Typical Splicing Time	7s/6s (fast mode)
Heating Time	14s
Holder	3 in 1 holder
Fiber Aligning	Core alignment and cladding alignment
Fiber Diameter	Cladding diameter 80~150 μm; Coating diameter 100~1000 μm
Magnification	X or Y, magnify 320X; X+Y, magnify 160X
Screen	High-performance 4.3" touch LCD, resolution 800×480, control key or touch, the screen auto slip
Tensile Test	Standard 2N
Splicing Mode	200(10 factory pre-defined)
Heating Mode	100(4 factory pre-defined)
Battery Life	1000 charging cycles
Electrode Life	Typical 5,000 times, and replaceable
Result Record	Maximum 16000 results;
Battery Capacity	5200mAh; 350 times (splicing and heating), Charging time about 3h (can be used while charging)
Heater Function	Automatic, support user defined heating mode, 0°C~300°C adjustable
OPM	Calibrated Wavelength 850/1300/1310/1490/1550/1625/1650/1270/1577nm Display Range -50~+26dBm(standard); -70~+10dBm(optional)
VFL	Wavelength 650±20nm; Output Power >10mw; Operation mode CW, 1Hz, 2Hz flash
External Interface	Mini USB, Type-C
Power Supply	Built-in lithium battery 11.1V; AC/DC adapter input AC100~240V/50Hz; Output DC12.6V/3.0A
Working Environment	Temperature -20°C~+55°C(-4°F~131°F); Humidity 95%RH(40°C non-condensing); Altitude 0~5000m; Windproof: 15m/s
Size	L×W×H=136×139×132(mm)
Weight	1.35kg (without battery), 1.66kg (with battery)