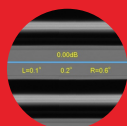


# TC-600



Stable performance,  
low power consumption,  
low losses



## 6 motors core alignment fusion splicer

### Excellent China Maker

- ◆ China's first technology
- ◆ Automatic fiber identification
- ◆ Button+touchscreen, easy to operate
- ◆ GPS tracking

◆ ID electrode: Anti-fake  
and guarantee performance

◆ Designed for use in  
harsh environments

◆ Designed for backbone project

◆ Customize splicing the fiber with  
different core diameters



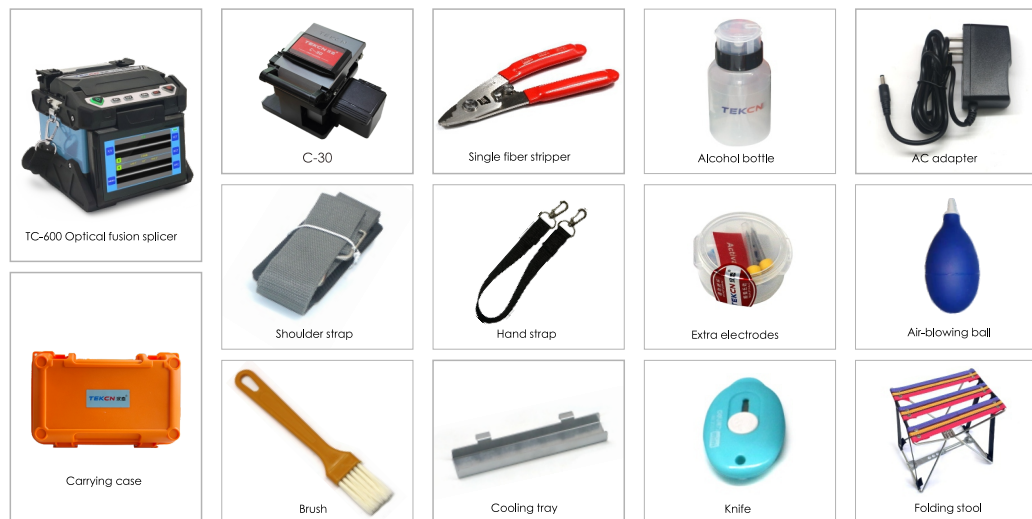
#### Operation condition



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#### Package



#### Product Parameters

Fiber alignment	6 motors core alignment
Applicable fibers	Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655), BI(G.657)
Cladding diameter	80~150μm
Sheath diameter	100~1000μm
Cleave length	8~16mm
Splice mode	Total 100 modes, supports self-defined modes and parameters
Typical splice time	6 sec. SM FAST
Typical splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DSF), 0.04dB (NZDS) and 0.02dB(BI)
Return loss	>>60dB
Heating mode	Max. 20
Heating time	16 sec.
Applicable protection sleeve	10~60mm
Splice result storage	Last 20,000 splices
Splice image storage	Max.800
Viewing methods	2 axis CMOS camera with 4.3 inch HD color capacitive touchscreen
Magnification	Supports X / Y or both X and Y simultaneously, maximum up to 760X magnification
Interface	MicroSD and USB port for software upgrade / data management
Electrode life	Typical 5000 splices
Battery capacity	5400mAh battery, more than 300 times splicing and heating; standard charging time:4 hours(up to 80% electric quantity in 3hours)
Power supply	AC100-240V, 50/60Hz
Fiber tensile test force	2N
Operating condition	Altitude : 0 to 5,000m above sea level, Wind : 15m/sec
Storage condition	Temperature : -10 to 50°C, Humidity : 0 to 95%RH Humidity : 0 to 95%RH Temperature : -10 to 50°C (Battery: -10 to 50°C)
Size / weight	133W x 144D x 133H (mm) / 1.56kg (1.86kg including battery)
GPS(Optional)	GPS positioning and tracking system through inbuilt SIM card