TEKCN 汉态®

Excellent China Maker

TC-600

6 motors core alignment fusion splicer

Excellent China Maker

- ◆ *China's first technology*
- ◆ *Automatic fiber identification*
- ◆ *Button+touchscreen, easy to operate*
- ◆ *Support selecting splicing loss mode*

- ◆ *ID electrode: Anti-fake and guarantee performance*
- ◆ *English and Vietnamese Available*
- ◆ *Designed for backbone project*
- ◆ *Customize splicing the fiber with different core diameters*

Operation condition

Temperature	Humidity	Altitude	Wind velocity up to
-10~+50°C	0-95%	0~5000m	15m/S

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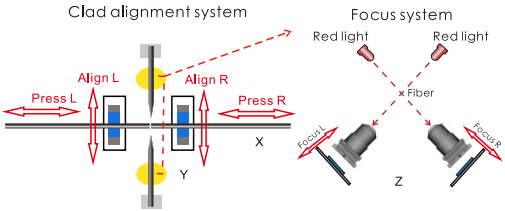
TEKCN (Shenzhen) Technology Co.,Ltd.

Stable performance, low power consumption, low losses

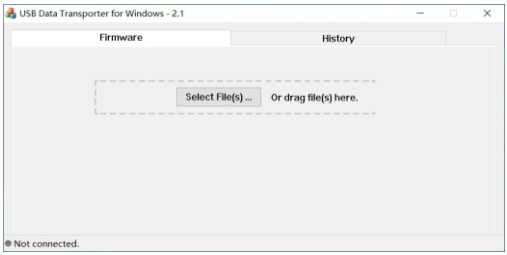
Typical splice loss: 0.02dB (SM), 0.01dB (MM), 0.04dB (DSF}, 0.04dB (NZDS} and 0.02dB(BI)



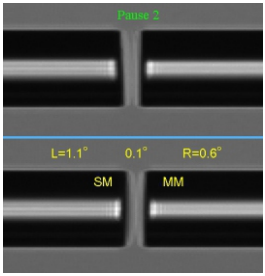
6 motors, XYZ core to core alignment.

Splice	
01. Splice mode	
02. Auto start	On
03. Pause 1	Off
04. Pause 2	On
05. Heat mode	
06. Auto Start	On
07. History	

Available automatic welding and heating functions



Software upgrade online



can see and check the fiber core, fiber cladding and fiberunevenness etc. situation on the screen when splicing the fiber

After each startup and welding process, machine will be auto to check and ready for next splicing.

9 major functional menus that can efficiently help customers solve welding and maintenance problems.

◆ Designed for use in harsh environments

Dustproof: IP5X

Waterproof: IPX2

Four sided rubber protection,
Anti-shock: 0.78-1m

◆ Accessories details

Cathy:Countable fiber cleaver
Cutting angle ⩽ 0.50
Cutting life of the blade ⩾ 48,000

10-14V DC USB Charger, compatible with power banks and car chargers

◆ Options

Car charger

VFL

LED headlight

Cable stripper:
Stripping cable diameter: 8-28.6mm (96FO-216FO)

Package


TC-600 Optical fusion splicer


Countable fiber cleaver C-50


SM and MM single fiber stripper


Alcohol bottle


AC adapter


Carrying case


Shoulder strap


Hand strap


Extra electrodes


Air-blowing ball


Brush


Cooling tray


Knife


Folding stool

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	5~16mm
Splice mode	Total 100 modes, supports self-defined modes and parameters
Typical splice time	5 sec. SM FAST
Typical splice loss	0.02dB SM (ITU-T G.652/G.657), 0.01dB (MM (ITU-T G.651), 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 LCD-TFT 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℃, Humidity : 0 to 95%RH Humidity : 0 to 95%RH Temperature : -10 to 50℃(Battery: -10 to 50℃)
Size / weight	133W x 144D x 133H (mm) / 1.56kg (1.86kg including battery)
GPS(Option)	GPS positioning and tracking system through inbuilt SIM card
SM ATT mode	Support loss choosed splicing mode, which can choose of splicing losses