TEKCN 汉泰®
Excellent China Maker

TC-400



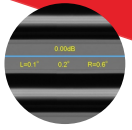
Designed for use in harsh environments



PAS core alignment fusion splicer

Excellent China Maker

- ◆ **Waterproof, Dustproof, Windproof, Theftproof, Anti-shock**
- ◆ **Small and portable**
- ◆ **Button+touchscreen, easy to operate**
- ◆ **Stable performance, low power consumption, low losses**
- ◆ **ID electrode: Anti-fake and guarantee performance**
- ◆ **Designed for ISP & OSP**





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.

Package


TC-400 Optical fusion splicer


Carrying case


C-36


Single fiber stripper


Drop cable stripper


Alcohol bottle


AC adapter


Shoulder strap


Hand strap


Extra electrodes


Air-blowing ball


Brush


Cooling tray


Knife


Folding stool

Product Parameters

Fiber alignment	4 motors PAS 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	100 splice modes
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	4000mAh battery, more than 220 times splicing and heating; Standard charging time:3 hours (up to 80% electric quantity in 2 hours)
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) / 1.5kg (1.8kg including battery)
GPS(Option)	GPS positioning and tracking system through inbuilt SIM card