

# FUSION SPLICER KL-280E

## Features

- ◆ Core to core alignment by PAS technology (PAS: Profile Alignment System)
- ◆ Fiber core can be display clearly
- ◆ Single X or Y view and X & Y view simultaneously
- ◆ Real-time & auto control of ARC power
- ◆ Auto check & display quality of cleaved end face
- ◆ Low splice loss control technology
- ◆ Auto compensation of low air pressure
- ◆ Software upgrade via USB interface



## Specifications

Applicable fibers	SM MM DS NZDS
Fiber diameter	Cladding diameter:80-150μm; Coating diameter:100-1000μm
Fiber count	Single
Fiber cleaved length	8-16mm (Coating diameter:250μm)
Actual average splice loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Typical splicing time	Typical <b>9 sec</b> (standard SM fiber)
Return loss	>60dB
Splicing mode	Auto Calibrate Normal Special
Fiber aligning method	Meticulous、Core、Clad、Manual
Splicing program	100(user mode), 53(factory mode)
Tube heating program	40(user mode), 9(factory mode)
Tube typical heating time	Typical <b>16~25 sec</b>
Protection sleeve length	60mm, 40mm
Storage of splice result	10000 results, 24parameter per result , 100 set of images
Fiber image magnification	<b>150X</b> (X or Y view), <b>75X</b> (X and Y view)
Battery capacity	Typical <b>300 cycles</b> (splice/tube heat with inner Li-battery, <b>5200mAH</b> )
Monitor	4.3 inch color LCD monitor
Tension test	2N
Electrode life	2500
Terminal	USB
Power supply	AC 100-240V with AC adapter DC13.5V Inner Li-battery (5200mAH)
Operating condition	0-5000m above sea level, -10-50℃ Max wind velocity of 15m/s
Dimension	133mm(L)×163mm(W)×140mm(H)
Weight	1.5Kg excluding battery 1.8Kg including battery

## Standard Configuration

