

### Application

The KL-300T core alignment splicer is designed to handle most types of optical fibres with a minimum of user intervention. Extremely quick with a typical splice time of 9 secs the KL-300T is the perfect choice for both occasional user and the busy full time operator.

### Key Features

- Digital fusion splicer with automatic focus function
  - precise and clean onscreen fibre images
- Core to Core alignment by PAS technology
- Average splice loss: SM-0.02dB / MM-0.01db
- 9 sec splicing time
- Large X & Y views of both fibres
  - X, Y or X & Y views available
- Automatic cleave angle checking
- Automatic splice loss calculations
- Attenuation splicing function
- Power level check, battery charge level indication
- Includes cleaver, carry case & spare electrodes



### Specifications

Applicable fibers	SM; MM; DS; NZDS
Fiber cleaved length	8-16mm
Fiber diameter	Cladding diameter:80-150um; Coating diameter:100-1,000um
Fiber alignment method	PAS System Core Alignment or Manual alignment
Typical average splice loss	0.02dB(SM); 0.01dB(MM); 0.04dB(DS); 0.04dB(NZDS)
Splicing modes	auto / manual
Typical splicing time	9 sec; with standard SM fiber
Splicing modes	53(system), 40(user)
Typical tube heating time	30 sec (heat adjustable)
Splice result storage	4000 results, 20 parameters per result
Tension test	2N
Fiber magnification	300X (X or Y view) / 150X (X and Y view)
Electrode life	2500 (typical)
No. of splice/heating cycles	Typical 160 cycles on one charge
Display screen	5.7 inch TFT color display
Splicer interfaces	USB & VGARS232
Power supply	AC 100-240V with AC adapter, inner Li-battery (8000mAH)
Operating condition	0-5000m above sea level / -10°C to 50°C / Max wind velocity of 15m
Dimension / Weight	150mm(L)×150mm(W)×150mm(H) / 3.2Kg including battery
Included accessories	Cleaver, spare electrodes, carry case

### Ordering Details

OPT-KL-300T	Optical Fusion Splicer
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