

## Features

- Fiber core can be display clearly
- Single X or Y view and X & Y view simultaneously
- Auto check quality of cleaved end face
- Auto select best splicing program
- 9 seconds splice time and 30 seconds heat time
- Small bulk and light weigh
- 5 inch color LCD monitor with clear digital image display
- Simple Operation menu



## Specification

Parameter	Value
Model	KL-280
Applicable fibers	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)
Fiber cleaved length	8~16mm (Coating diameter : 250µm) 16mm (Coating diameter: 250 ~ 1000µm)
Fiber diameter	Cladding diameter : 80 ~150µm Coating diameter : 100~ 1000µm
Fiber Count	Single
Fiber aligning method	Core aligning
Return loss	>60dB
Actual average splice loss	0.02dB (SM),0.01dB (MM), 0.04dB (DS),0.04dB( NZDS)
Splicing mode	auto
Splicing mode	12(template), 188(user)
Typical Splicing time	Typical 9 sec, with standard SM fiber
Protection sleeve length	60mm, 40mm and a series of micro sleeves
Storage of splice result	5000 results, 3 parameter per result
Tension test	2N
Fiber display and magnification	400X (X or Y view), 200X (X and Y view)
Tube heating time	Typical 30 sec
Electrode life	2500
№ of splice/heating with battery	Typical 130 cycles (splice/tube heat) with inner Li-battery
Display screen	5 inch color LCD monitor
Image change over	The fiber image is turned upside down
Terminals	RS 232
Operating condition	0 ~ 5000m above sea level, 0 ~ 95%RH and -10~50°C, respectively, Max. wind velocity of 15m/s
Power supply	AC 100-240V with AC adapter; inner Li-battery (6600mAH)
Dimensions	150mm(L) x150mm (W) x160mm (H)
Weight	3.52 Kg including battery

## Functions

Model	KL-300	KL-300T	KL-280
Splicing mode	Auto \Calibrate Normal \Special	Auto \Calibrate Normal \Special	Auto
Fiber cleaved angle threshold set	0.1 - 10.0 ° 0.1°step	0.1 - 10.0 ° 0.1°step	0.5 - 8°; 0.5°step
Display fiber cleaved angle	●	●	—
Display fiber offset angle	●	●	—
Auto focusing	●	—	—
Auto aligning	●	●	●
Auto detect cleaved endface fault	●	●	—
Display core offset	●	●	—
Display clad offset	●	●	—
Fiber partial core Compensation	●	●	—
Arc strength automatic adjustment	●	●	—
Display inside temperature	●	●	—
Display ambient temperature	●	●	—
Display heater temperature	●	●	—
Display air pressure	●	●	—
Display battery voltage	●	●	—
Taper Splice	●	●	—
Sleep	●	●	—
Auto Shut down	●	●	—
Software upgrade	●	●	—
●:Available      —:Unavailable			

## Configuration



## GUARANTEE:



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