

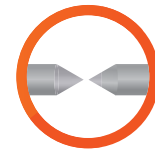
# K33

## IPAAS Core Alignment Splicer

### BENEFITS AND FEATURES

- User friendly GUI
- Wide 127mm (5.0 in) color LCD monitor with electrostatic touch screen & bidirectional operation system
- Powerful lithium polymer battery with large capacity
- Lowest splice loss
- Resistance to shock, dust and water
- LED lamp installed on the wind cover for low light condition

K33



ELECTRODE LIFE  
Up to **33,000**



ROTATING BLADE LIFE  
Up to **75,000**

## SPECIFICATION

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS Core Alignment
Applicable type of fibers	SM (G.652); MM (G.651); DS (G.653); NZDS (G.655); SM (G.657 A2/B2); SM (G.657 B3)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80~150 $\mu$ m; Coating diameter: 100 $\mu$ m
Fiber setting and cleaved length	250 $\mu$ m: 5~16mm; 900 $\mu$ m: 8~16mm
Splicing modes	Splice mode: 300; Heat mode: 100
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS:0.04dB; NZDS: 0.04dB
Return loss	> 60dB (typical)
Splicing time	Typical 6 sec. (quick mode)
Splice loss estimate	Available
Sleeve heating time	9 sec. (IS-45 sleeve, IS-45 mode); 13 sec. (IS-60 sleeve, IS-60 mode)
Applicable protection sleeve	32mm, 40mm, 60mm (fiber)/28mm or 32mm (connector)
Storage of splice result	The last 10,000 results to be stored in the internal memory. (Image 10,000 results) External SDHC memory slot
Tension test	1.96N to 2.25N
Operating condition	Altitude: 0~5,000m above sea level; Temperature: -10 °C~50 °C (-14 °F~122 °F); Humidity: 0~95%, Wind: 15m/s; non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40 °C~80 °C (-40 °F~176 °F); Humidity: 0~95%
Dimension	130(W) x 158(L) x 138(H)mm (excluding bumper)
Weight	2.25kg (including battery)
Viewing method and display	Two CMOS cameras and 127mm (5.0in) color LCD monitor with Electrostatic touch screen
Fiber view and magnification	X/Y: 200X; Max: 400X
Power supply	100 ~ 240V AC
No. of splice cycles with battery	Typical 331 cycles (6000mAh)
Electrode life	Up to 33,000 splices
Blade life	Up to 75,000 fibers
Terminals	USB

## STANDARD PACKAGE

CATEGORY	MODEL	Q'ty
Arc fusion splicer	SWIFT K33	1
Battery	K3347 (6000mAh)	1
AC adapter	100-240V	1
Instructions for use	-	1
Spare electrode	EI-23	1 pair
Transporting case	Hard case	1
Cooling tray	-	1
Tool box	-	1
USB cable	-	1
Cleaver	CS-01BT	1
Manual stripper	CF-02	1
Alcohol dispenser	PP	1

## OPTION PACKAGE

CATEGORY	MODEL
Battery	K3347 (6000mAh)
Cleaver blade	BI-07
Electrode	EI-23
Work belt	-
Sleeve loader (2ea)	-
Sleeve	S-160 (60mm), S-140 (40mm)
Sleeve clamp	-
SOC connector	SC, LC, FC, ST (refer to FTTx solution catalogue)
Optical fiber holder	HS-250, HS-900, HS-2.5, HS-IN, HS-SC/FC, HS-ILC, HS-ST, LS-900 (loose tube)