

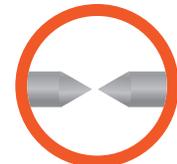
K33A

IPAAS Core Alignment Splicer

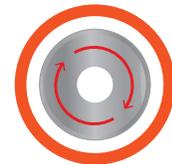

**PREMIUM
FUSION SPLICER**

BENEFITS AND FEATURES

- Remote maintenance via Internet
- The fusion splicer with All-In-One system provides the best workability. Integrated 5 functions in one unit (stripping, cleaning, cleaving, splicing and protecting)
- No scratches on fiber by thermal stripping (extended tensile of fiber strength by 3kgf more)
- Wide 127mm (5.0in) color LCD monitor with electrostatic touch screen & bidirectional operating system
- Powerful lithium polymer battery with large capacity: 6000mAh
- Resistance to shock, dust and water
- Compatible with Fusion Splice-On Connector (FSOC) in accordance with the industry standard
- Rotating blade allows up to 75,000 cleaves



ELECTRODE LIFE
Up to **33,000**



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

ALLINONE



STRIPPING



CLEAVING



CLEANING



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 μ m; Coating diameter: 100 μ m~1000 μ m
Fiber setting and cleaved length	250 μ m: 5~16mm; 900 μ m: 8~16mm
Splicing modes	Splice mode: 100; Heat mode: 50
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS:0.04dB; NZDS: 0.04dB
Return loss	> 60dB
Splicing time	Typical 9 sec.
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	40mm or 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)
Tension test	2N/4.4N (Option)
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	136(W) x 215(L) x 137(H)mm (excluding bumper)
Weight	2.45kg (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 282 cycles (6000mAh)
Electrode life	Up to 33,000 splices
Blade life*	Up to 75,000 fibers
Terminals	USB, external power (DC 12V available for car cigar jack)

* Blade life may be changed under the condition of working environment..

STANDARD PACKAGE

CATEGORY	MODEL	Q'ty
Arc fusion splicer	SWIFT K33A	1
Battery	K3360 (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
Cleaver	CF-07FT	1
Holders	Fixed	1 pair

ADD-ON ACCESSORIES

CATEGORY	MODEL
Cleaver blade	BI-07
Electrode	EI-23
External power	DC 12V (available for car cigar jack)
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)
Cleaver	CF-07FT