UCL SWIFT
NORTH AMERICA

K33A

PREMIUM
FUSION SPLICER

IPAAS Core Alignment Splicer

ALL-IN-ONE PRODUCT

ROTATING BLADE LIFE
UP TO **77,000** CLEAVES

ELECTRODE LIFE
UP TO **18,000**

BENEFITS AND FEATURES

Remote maintenance via internet

The All-In-One system provides exceptional workability, integrating 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)

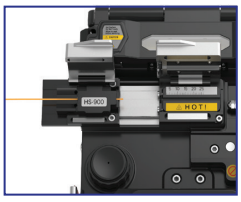
Wide 127mm (5.0in) color LCD monitor with electrostatic touch screen & bidirectional operating system

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 77,000 cleaves


STRIPPING


CLEAVING


CLEANING

3330 Earhart Drive, Suite 208 | Carrollton, TX 75006 | Office: 972.556.0916 | Fax: 972.910.8384 | uclswiftna.com

K33A

SPECIFICATIONS

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 A1, A2/B2, B3); SM(G.654 E)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80 ~150μm; Coating diameter: 100μm-3mm
Fiber setting and cleaved length	250μm: 5~16mm; 900μm: 8~16mm
Splicing modes	Splice mode: 300; Heat mode: 100; Strip mode: 50
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS: 0.04dB; NZDS: 0.04dB
Return loss	>60dB
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	40mm (2.4in) or 60mm (1.5in) 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 with 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 18,000 splices
Blade life*	Up to 77,000 cleaves
Terminals	USB, external power (DC 12V available for car cigar jack)

** Blade life may change 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

OPTION PACKAGE

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-01, LS-900 (loose tube)
Cleaver	CF-07FT

** Design, standard/optional package and specification shown above are subject to change with or without notice.*

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