



# K33A

IPAAS Core Alignment

★★★★★  
**PREMIUM**  
FUSION SPLICER  
★★★★★

## ALLINONE



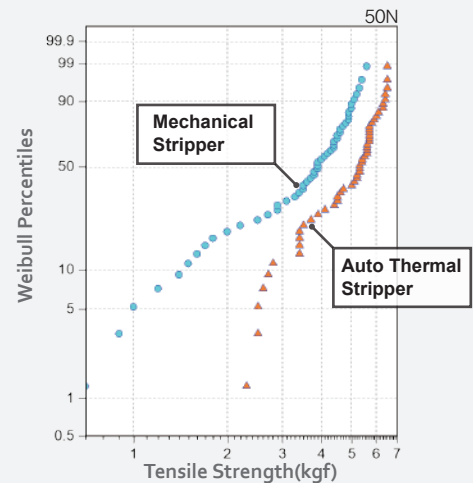
### Benefits and Features

- Remote maintenance via Internet.
- The fusion splicer with ALLINONE 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 5.0 inch color LCD monitor with Electrostatic touch screen & bidirectional operation 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 Industrial Standard.
- Rotating blade allows up to 75,000 cleaves.

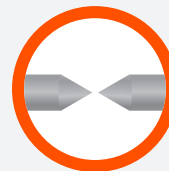
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### ATS Tensile strength

※ Telcordia Standard 1,7kgf more



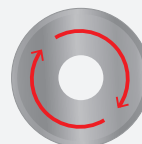
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### Electrode Life

Up to **10,000** splices

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### Rotating Blade Life

Up to **75,000** fibers

## Specifications

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS Core Alignment
Applicable 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: 80~150µm, Coating diameter: 100µm~1000µm
Fiber cleave length	250µm: 8~16mm, 900µm: 16mm (Application holder: 8mm)
Splicing modes	Splice mode: 100, Heat mode: 50
Average splice Loss	SMF: 0.02dB, MMF: 0.01dB, DSF: 0.04dB, NZDSF: 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 conditions	Altitude: 0~5,000m above sea level, Temperature: -10°C~50°C, Humidity: 0~95%, Wind: 15m/s, Non-condensing, Dust proof, Water proof, Shock proof
Storage conditions	Temperature: -40°C~80°C, Humidity: 0~95%
Dimensions	142(W)×219(L)×137(H)mm (Including rubber)
Weight	2.45kg (Including battery)
Viewing method and display	Two CMOS cameras and 5.0-inch color LCD monitor with Electrostatic touch screen
Fiber view and magnification	X/Y 200X, Max 400X
Power supply	100~240V
Battery life with heat-shrink	Typical 230 cycles (6000mAh)
Electrode life	Up to 10,000 splices
Terminals	USB, External power(DC 12V available for car cigar jack)
Cleaver	CF-07FT
Cleaver blade life*	Up to 75,000 fibers

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

## Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	SWIFT K33A	1
User guide CD	-	1
Spare electrode	EI-23	1 pair
Cooling Tray	-	1
Transporting Case	Hard Case	1
Battery	6000mAh	1
AC Adapter	-	1
Tool box	-	1

## Optional Package

CATEGORY	MODEL
Battery	6000mAh
Cleaver Blade	BI-07
Electrode	EI-23
External Power	DC 12V available for car cigar jack
Sleeve	S-160 (60mm), S-140 (40mm)
Sleeve Clamp	-
Sleeve Loader (2ea)	-
Optical Fiber Holder	HS-250, HS-900, HS-2.5F, HS-IN, HS-SC/FC, HS-ILC, HS-ST, LS-900(Loose tube)
SOC Connector	SC, LC, FC, ST (refer to FTTx solution catalogue)
Cleaver	CF-07FT

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

### UCLSWIFT KOREA

#39, Techno 3-ro, Yuseong-gu, Daejeon, Korea (Zip. 305-509) | Tel +82 42.671.5610 | Fax +82 42.671.5612 | sales@uclswift.com

**USA** 4230 LBJ Freeway, Ste.149 Dallas, TX 75244, USA | (+1) 972 556 0916

**INDIA** IISintech Trading India Pvt.Ltd 621, Devika Tower, Nehru Place New Delhi 110019, India | (+91) 011 4055 5954

**CHINA** Room 101 Li Ming Building, No111 Gui Qing Road Xuhui District, Shanghai, China | (+86) 21 5836 0950

**RUSSIA** Office 401(Kotra) 4F Hotel "Korston" 15 st. Kosygina, Moscow, 119334, Russia | (+7) 985 997 7185

**EUROPE** Zirovnicka 2/2389 106 00 Prague 10, Czech Republic | (+420) 725 001 757

**INDONESIA FACTORY** Dusun 02 Blok Babakan RT01/Rw03, Desa Sukaraja Wetan, Jatiwangi, Majalengka, Jawa Barat, Indonesia