

# K33

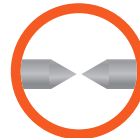
## IPAAS Core Alignment



### Features

- Wide 5.0 inch color LCD monitor with Electrostatic touch screen
- User friendly GUI.
- 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.

### Patented



#### Electrode Life

Up to **18,000** splices

### Patented



#### Rotating Blade Life

**77,000** fibers + **33,000** fibers  
(Adjust the blade height up to 0.12mm), Total **110,000** 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 A1, A2/B2, B3), SM(G.654 E)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80~150µm, Coating diameter: 100µm~3mm
Fiber cleave length	250µm: 5~16mm, 900µm: 8~16mm
Splicing modes	Splice mode: 300, Heat mode: 100
Average 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)
Tension test	1.96N ~ 2.25N
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	130(W) x 158(L) x 138(H)mm (Excluding rubber)
Weight	2.25kg (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 670X
Power supply	100~240V
Battery life with heat-shrink	270 cycles with 4,700mAh & 350 cycles with 6,000mAh
Electrode life	Up to 18,000 splices
Terminals	USB, External power (DC 12V available for car cigar jack)

## Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	SWIFT K33	1
User guide	Download from UCLSwift Website	
Transporting Case	Hard Case	1
Battery	4,700mAh	1
AC Adapter	-	1
Cleaver	CS-01BT	1
Manual stripper	CF-02	1
Alcohol dispenser	PP	1
Tool box	-	1
USB Cable	-	1
Sleeve Loader	-	2

## Optional Package

CATEGORY	MODEL
Battery	6,000mAh
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	-
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)
Work Belt	-
Wi-Fi Card	-
Cleaver	CS-01BT

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