



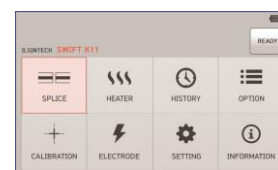
# K11

## Core Alignment



### Benefits and Features

- Lowest Splice Loss ever in the Industry
- Wide 5.0-inch Color LCD Monitor with Touch Screen & Bidirectional Operation System
- Optical Fiber Recognition Capability and LED Lamp in Heater
- Powerful Lithium Polymer Battery with Large Capacity



CATEGORY	DESCRIPTION
Fiber alignment	IPAAS core to core alignment(Image pattern analysis alignment system)
Applicable type of fibers	0.25mm, 0.9mm, 2.0mm, 3.0mm, 4.0, Indoor cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80~150 $\mu$ m, Coating diameter: 100 $\mu$ m~4mm
Fiber setting and cleaved length	7~16mm
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 6sec. (Quick Mode)
Sleeve heating time	9sec (IS-45 Sleeve, IS-45 mode), 13sec (IS-60 Sleeve, IS-60 mode)
Applicable protection sleeve	40mm, 60mm, 32mm or 28mm for SOC
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 condition	Altitude: 5,000m above sea level, Temperature: -10 $^{\circ}$ C~50 $^{\circ}$ C, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40 $^{\circ}$ C~80 $^{\circ}$ C, Humidity: 0~95%
Dimension	143(W) x 163(L) x 140(H)mm (Without Bumper)
Weight	With battery 2.25kg
Viewing method and display	Two CMOS cameras and 5.0-inch color touch LCD
Fiber view and magnification	X/Y : 200X, Max 400X
Power supply	DC Lithium polymer battery (DC 14.8V, 4700, 6000mAh-option), 100~240V AC Charger
No. of splice cycles with battery	Typical 250 cycles / More than 350 cycles(K11-6000)
Electrode life	More than 3,500 times
Terminals	USB

## Standard Package

CATEGORY	MODEL	Q'ty
Optical fiber sealer	SWIFT K11	1
Battery	K11-4700	1
AC Adapter	WDS060190	1
Instructions for use	-	1
Spare electrode	EI-23	1pair
Transporting Case	Hard Case	1
Cooling Tray	CT-01	1
Screw Driver	LD-3300	1
USB Cable	-	1
DC Output Cable	-	1
Manual Stripper	CF-02	1
Alcohol Dispenser	PP	1
Tool Box	-	1
Sleeve Loader	S312	2

## Option Package

CATEGORY	MODEL
Battery	K11-4700 / K11-6000 K11-4701 ( Available for Lithium ion battery by the request of customers)
Cleaver Blade	BI-05
Electrode	EI-23
Work Belt	-
Sleeve	S-160(60mm), S-140(40mm)
Sleeve Clamp	SC-01
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-LC, HS-ST,LS-900
Cleaver	CS-03A
External Power	DC 12V Available for car cigar jack

## Specification

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